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OSCAR H. WILL & CO.

BISMARCK

SEED CORN

NORTH DAKOTA

SPECIALISTS



PIONEER
ASSOCIATED

INCORPORATED

JAN 18 1936

U.S. Department of Agriculture



CORN HARVEST CEREMONIAL AT A MANDAN VILLAGE

— Will & Son —

PIONEER SEED HOUSE NURSERY
& GREENHOUSES OF THE NORTHWEST

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WILL'S DOLLAR HOME GARDEN COLLECTION

Planned for a garden 25x40 feet in 25-foot rows. Amount, variety, space required, distance between rows, and regular price are shown in the following.

1 ½ lbs. Improved Golden Wax Beans, 2 rows, 18 in.	\$0.18
1 oz. Will's improved Beet, 2 rows, 18 inches.....	.10
2 ppts. Danvers Half-Long Carrot, 2 rows, 18 in....	.10
¾ lbs. Golden Bantam Sweet Corn, 4 rows, 2½ feet	.10
1 ppt. Early Fortune Cucumber, 1 row, 3 feet.....	.05
2 ppts. Lettuce (1 Leaf, 1 Head), 1 row, 1 foot.....	.10
2 ppts. Will's Dakota Globe Onion, 2 rows, 18 in....	.10
2 ppts. Improved Guernsey Parsnip, 2 rows, 18 in....	.10
½ lb. Bliss Everbearing Peas, 2 rows, 2 feet.....	.18
½ lb. Laxton's Progress Peas, 2 rows, 2 feet.....	.18
1 oz. Will's Early Carmine Radish, 2 rows, 1 foot...	.10
1 ppt. Lucullus Swiss Chard, 1 row, 18 inches.....	.05
Value if ordered separately.....	\$1.34

SPECIAL OFFER, \$1.00 Postpaid

ALWAYS FIRST WITH THE BEST

Outstanding New Introductions

ALPHA SWEET CLOVER

A new sweet clover with most of the good qualities of both alfalfa and sweet clover combined in itself. Developed at the Saskatchewan Experiment Station and suspected of being a cross between alfalfa and sweet clover. Price, 1 lb., postpaid, 50c; F. O. B. here, 5 lbs., \$1.75; 10 lbs., \$3.00; 50 lbs., \$13.00; 100 lbs., \$25.00.



CHIPMAN'S CHAMPLAIN MUSKMELON

This strain originated at Winnipeg by Geo. F. Chipman, editor of the FARMER'S GUIDE, and is without doubt the earliest high quality muskmelon that we have seen. Resembles the common strain of Champlain but is about ten days earlier. Price, postpaid, pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 70c; $\frac{1}{2}$ lb., \$1.30; lb., \$2.50.



AMUR TAMARIX SHRUB

(A selection by Prof. Yeager.) One of the most beautiful, hardest, and least inclined to steal moisture from neighboring plants of any shrub grown. A lovely feathery foliage with a heavy annual growth and a mass of pink bloom after mid-summer. The most valuable shrub introduction for the Northwest in recent years. Price, 65c.

WESTERN WHEAT or BIG BLUE STEM GRASS

Never listed before and a good crop of seed is very rarely available. Considered by Great Plains ranchers to make the finest hay and pasture in the world. The hay takes a special grade at hay markets and brings a premium. Drought resistant, cold resistant, lasting and a soil binder owing to its spreading roots. Price, lb., postpaid, 35c; F. O. B. here, 5 lbs., \$1.25; 10 lbs., \$2.25; 50 lbs., \$10.00; 100 lbs., \$18.00.

GIANT HUNGARIAN WHITE SUNFLOWER

We believe that our special strain of this plant is the best yet introduced. We have been working with it for several years and believe that it is now early enough as well as the heaviest yielding, the handsomest and the best flavored variety of "Russian Peanut" procurable. Price, postpaid, pkt., 5c; 1 lb., 50c.

DAKOTA WHITE FLINT HYBRID CORN

(Produced by the N. D. A. C. corn specialist, Dr. P. J. Olson.) This is one of the best examples of increased size, vigor and yield from the crossing of inbred strains of corn that we have yet seen. A recombination of four different inbred strains. Price, lb., postpaid, 60c; 10 lbs., \$1.00; $\frac{1}{2}$ bu., \$1.75; bu., \$3.25.

General Directions and Instructions

HOW TO SEND MONEY. Remittance should be made by Postoffice or Express Money Order or by Bank Draft. Personal checks on banks are accepted, but customers must pay exchange and collection charge of 5 cents. U. S. stamps are accepted.

DELIVERY OF GOODS. Goods may be sent by mail, express or freight. Postpaid prices are quoted in most cases. Parcel Post rates are given so that customers can figure the amount necessary to add to freight prices when larger amounts are desired by mail. If you wish goods sent by mail be sure that you remit mail prices. The Parcel Post weight limit is 70 lbs. Weight limit for Parcel Post to Canada 15 lbs. at 14c per lb. There is no reduction on postpaid prices of packet and ounce goods if sent by express or freight.

EXPRESS AND FREIGHT. Quotation F. O. B. here means that we deliver the goods to the express or railway company. The purchaser pays all transportation charges on receipt of goods. On moderate sized orders we advise express shipment rather than freight. All prices are F. O. B. here unless quoted postpaid.

Upon delivery of goods to transportation company, a sale is completed. In event of loss or damage to goods in transit the purchaser must have notation of such loss placed upon his receipt, and may then file claim for loss at his station, or may send the necessary papers to us when we shall gladly enter claim for him, remitting to him as soon as the claim is paid.

Remember that our responsibility ceases on delivery in good order to the transportation company, and it is therefore imperative that every purchase be carefully examined for loss or damage before receiving it.

We do not guarantee replacement of goods sent by mail. An additional remittance of five cents will insure any mail package. We can not insure plants and nursery stock so there is no recourse in case of delay and injury.

PACKING. No charge is made for boxes, bags or wrapping for any goods offered in this catalog.

KEEP A COPY OF YOUR ORDER. Check goods received with this copy. Sometimes items are sold out or will follow later, in which case a slip is enclosed with goods or notices sent.

MISTAKES. These will happen in spite of all care. Write us at once with copy of original order and order number, and mistake will be promptly rectified. Please do not return goods until you hear from us.

Notify us if you hear nothing of your order within a reasonable time.

OUR RESPONSIBILITY. It is so manifestly impossible for a seller of any perishable goods to be responsible for what happens to them after

they leave his hands, especially goods like seeds which are planted in the ground under varying conditions of soil and climate, that we, in common with all American seed houses, disclaim responsibility as to crop which may be raised from the seeds which we sell.

We wish it understood that all goods are sold under the following general non-warranty.

We give no warranty, express or implied, as to the description, quality, productiveness or any other matter, of any seeds, bulbs, shrubs or trees sold by us, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on the above terms, no sale is made thereof, and they must be returned at once and money will be refunded.

However, we wish to call the attention of our customers to the fact that we make careful tests of all seeds in our stock and endeavor to see that nothing but goods of the very highest quality are sent out.

We urge most strongly that every bit of seed grain or seed corn received from us be tested. Should the test prove unsatisfactory or the goods not as represented we should be notified at once and an immediate adjustment will be made.

With regard to trees or plants, if sent by express, and damage is noted by consignee at the station, we are glad to replace or refund. We do not guarantee nursery stock and plants after being taken from the express office, but are always willing to give attention to just claims for loss. We do not make C. O. D. shipments of perishable goods.

PARCEL POST RATES

Limit of weight, 70 lbs.

If You Do Not Know Which Zone Rate Applies, Consult Your Postmaster.

For Zones 1 and 2—One pound is 8c; 2 lbs. 10c. Add 1c per pound to 10c for each additional pound weight or fractional pound of the package. Thus 7 pounds will be 10c plus 5 additional pounds at 1c per pound, or 15c.

Zone 3—One pound is 9c. For each additional pound add 2c.

Zone 4—One pound is 10c. For each additional pound add 3.5c.

Zone 5—One pound is 11c. For each additional pound add 5.3c.

Zone 6—One pound is 12c. For each additional pound add 7c.

Zone 7—One pound is 14c. For each additional pound add 9c.

Zone 8—One pound is 15c. For each additional pound add 11c.

Only North Dakota customers must add two percent for sales tax to their remittances for nursery stock, decorative greenhouse stock, insecticides, tools and supplies. This tax does not apply to seeds, onion plants or vegetable plants.

FREE PREMIUMS

With every order for vegetable and flower seeds of \$15.00 or more, for seed grain or nursery stock of \$25.00 or more we shall be glad to furnish on request one large white thermometer 13½ in. long and suitable for out of door use.

In place of the thermometer, for those preferring it, we can send the following book:

Guide to Corn Growing in the American and Canadian Northwest. (Sales price, 50c.) A complete handbook of Corn History, Corn Breeding, Corn Growing, Corn Varieties, and the handling of the crop; in popular form and non-technical language. Deals with all matters relating to corn production under the special requirements of Northwestern and Northern Great Plains conditions.

AS WE PREDICTED they would, conditions changed very much for the better this past season and we have good crops of practically everything but wheat. To celebrate the plenty of 1935 we have shown on our cover the harvest ceremony of the Mandan Indians. The venerable Corn Priest who had watched the fields all through the summer, always wrapped in a heavy buffalo robe, at last directed that the post shown in the picture be erected. He

then tied the buffalo robe as shown about the post and told the women that the crop from their fields when piled up about the post would be sufficient to reach up to the robe. And then he withdrew, not to appear again till the corn was picked and his word proven true.

The Arikara lady in the picture on this page has also cause for thanksgiving over a good harvest of the corn which has matured here in North Dakota year after year for several centuries.

Perhaps we had better, to a large extent, forget the wheat which our predecessors in the land did not need, concentrate on the things which we know we can produce — corn, vegetables, feed crops, live stock, and we shall be successful in spite of drouth, rust and bugs, providing we try to help keep the proper balance of nature and do not overgraze and overcrop.

We wish to all our customers a still better year for 1936.

Sincerely,

OSCAR H. WILL & CO.



Will's Flower Seed All Flower Seeds Prepaid

WILL'S Old-Fashioned Flower Garden Collection One packet each of the following:

Antirrhinum (Snapdragon)
Mixed Giant Flowered
Mixed Bachelor's Button
Double Camellia-Flowered
Balsam
Cosmos, Early Mammoth
—Flowering Single
Mixed
Dianthus Chinese Pink
Helichrysum, (Straw

(Flower) Mixed
Single Mixed Hollyhock
Mixed Double Hollyhock
Mignonette Macbeth
Mixed Morning Glory
Phlox Drummondii Grand-
iflora
Poppy, Mixed Carnation
Mixed Single Portulaca
Dwarf Ten Weeks Stocks

Sweet William
Dahlia-Flowered Zinnia
Gold Nugget Marigold
Also one ounce each of the
following:
Will's Pioneer Brand
Dwarf Mixed Nastur-
tiums
Will's Imperial Mixed
Sweet Peas

75c

This \$1.30 Value—Postpaid for Only.....



Antirrhinum—Snapdragon.



Ageratum—Blue Perfection.

In order that our customers may plant and grow with better understanding, we make use of the following symbols:

(A) Annuals—These complete the cycle of growth, flowering, and death, the first year.

(B) Biennials—These grow from seed the first year, bloom and die the second. If started indoors these commonly bloom the first year.

(P) Perennials—These live and flower year after year.

(T) Tender—Plants so marked should be started inside and transplanted after danger of frost is past.

(C) Climbing Plants.

AGERATUM—Blue Perfection. (A). One of the best border and bedding plants, blooming from early Summer to frost. Grows 10 inches tall. Pkt., 5¢; $\frac{1}{4}$ oz., 20¢.

ALYSSUM—LILAC QUEEN. (A). Deep lavender lilac blossoms. Pkt., 5¢; $\frac{1}{4}$ oz., 15¢.

ANTIRRHINUM—SNAPDRAGON. Maximum Giant Flowered. (A). The best in Snapdragons and a marked advance in size of bloom and brilliancy of color. Readily raised from seed in any sunny bed. Spring seedlings bloom by midsummer, and, if cut freely, the flowering is continuous until Fall. If then taken up, cut back, and potted, plants will bloom in the house during the Winter. One of the finest flowers for cutting. Our mixture is unexcelled. Pkt., 10¢; $\frac{1}{4}$ oz., 45¢.

If you wish any sort of Flower Seed not listed here, ask us about it. If we do not have it, we can get it, or tell you where it may be procured.

ONLY CUSTOMERS LIVING IN NORTH DAKOTA MUST ADD TWO PER CENT FOR SALES TAX TO THEIR REMITTANCES FOR NURSERY STOCK, DECORATIVE GREENHOUSE STOCK, INSECTICIDES, TOOLS AND SUPPLIES. THIS TAX DOES NOT APPLY TO SEEDS, ONION PLANTS OR VEGETABLE PLANTS.



Alyssum—Little Gem.

PIONEER ASTERS (A)

EARLY WHITE WONDER or EXPRESS. The best extra early white variety with good sized, double flowers borne on good stiff stems. Pkt., 10c; $\frac{1}{4}$ oz., 60c.

WILT RESISTANT IMPROVED CREGO PINK. A beautiful midseason sort of the branching type, growing 2 feet tall, with large blooms borne on long stems. This is nearly immune to the blight that has previously made growing asters so unsatisfactory. Pkt., 15c; $\frac{1}{4}$ oz., 70c.

WILT RESISTANT ASTERMUM LAVENDER. A fine midseason lavender, the plants are about 2 feet high, of branching habit. This is resistant to the aster blight or wilt and the resistant varieties promise to restore the aster to popularity. Pkt., 15c; $\frac{1}{4}$ oz., 70c.

CRIMSON CREGO. A midseason variety of the branching type growing about 2 feet tall. The crimson flowers are commonly 4 to 5 inches across, borne on stems 12 inches long. A fine all around sort. Pkt., 10c; $\frac{1}{4}$ oz., 45c.

PURPLE CREGO. Another color in the glorious Crego family. Pkt., 10c; $\frac{1}{4}$ oz., 45c.

IMPROVED CREGO-MIXED. A mid-season giant-flowering variety growing about 2 feet tall. It is superior in quality of flower and length of stem. Pkt., 5c; $\frac{1}{4}$ oz., 35c.



Mixed Improved Crego Aster.



Bachelor's Button.



Calendula—Double Chrysanth or Sunshine.

BACHELOR'S BUTTON—CORN FLOWER (*Contarrea cyanus*). (A). This is among the most attractive of all hardy annuals and one of the most popular of the old fashioned flowers. Double Blue (Florists' Strain). Pkt., 5c; $\frac{1}{4}$ oz., 20c. Double Mixed. Pkt., 5c; $\frac{1}{4}$ oz., 15c.

BALLOON VINE. (A-C). Remarkable for the inflated appearance of its seed pods, and sometimes called "Love-in-a-Puff". The flower is insignificant, but the plant is a rapid and graceful climber. Pkt., 5c; oz., 25c.

BALSAM—LADY SLIPPER. Double Camellia-Flowered. (A). An old favorite. It likes hot sun, rich soil and plenty of water. In return it will give its brilliant masses of beautiful double flowers in greatest profusion. All colors mixed. Pkt., 5c; $\frac{1}{4}$ oz., 20c.

BEANS—SCARLET RUNNER. (A-C). This old-time favorite is a rapid growing annual climber, reaching a height of 10 to 12 feet and bearing sprays of brilliant scarlet pealike blossoms. Pkt., 5c; $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 30c; 1 lb., 50c.

BEE PLANT—SPIDER PLANT—CLEOME PUNGENS. (A). A very hardy native plant growing well in gumbo and alkali. Two to four feet high with spiderlike purple flowers in August. Pkt., 5c.

BOUNCING BET—SAPONARIA OFFICINALIS. (P). An old, hardy favorite of easy culture, growing 12 to 18 inches high with close phlox-like heads of white or pinkish white blooms. It blooms throughout most of the summer. Pkt., 10c; $\frac{1}{4}$ oz., 20c.

CALENDULA—POT or SCOTCH MARIGOLD. Orange King. (A). Ours is a deep orange, very double, large flowering strain of this showy, hardy and most satisfactory plant. It grows anywhere and blooms from mid-summer until frost. Pkt., 5c; $\frac{1}{4}$ oz., 15c.

CALENDULA—Double Chrysanth or Sunshine. (A). The flowers are very large, a clear buttercup yellow in color, with good strong stems for cutting. The 1934 flower novelty. Pkt., 10c; $\frac{1}{4}$ oz., 35c.

CALLIOPSIS—TICK-SEED. Dwarf Mixed. (A). A showy and free-flowering annual blooming all Summer and excellent for cutting and massing. We offer a mixture of the finest strains. Pkt., 5c; $\frac{1}{4}$ oz., 20c.

CANARY BIRD FLOWER. (A-C). A beautiful climber with a charming little canary-colored blossom. Pkt., 5c; $\frac{1}{2}$ oz., 20c.

CANNA. Crozy's Dwarf, (P-T). This is a large flowering French strain and ordinarily blooms the first year from seed. Pkt., 10c; $\frac{1}{2}$ oz., 20c.

CAMPANULA — CANTERBURY BELLS. Annual Finest Mixed. It is extremely difficult to raise biennial Canterbury Bells in the Northwest. With this new annual type started indoors in early spring, we can enjoy the glory of this old fashioned favorite the same year. Pkt., 15c; $\frac{1}{4}$ oz., 90c.



Double Camellia-Flowered Balsam.



Calloplolis.



Carnation—Dwarf Margaret.



Columbine-Hybrid



Double Crested Cosmos.

CANDYTUFT. Giant White Hyacinth-Flowered. (A). A fine stock of this sturdy, compact, free-flowering border plant, with snowy white flowers. Pkt., 10c; $\frac{1}{4}$ oz., 20c.

CANDYTUFT. Giant Flowering Mixed. (A). This justly popular annual is of easiest culture and flowers profusely throughout the whole season. The flowers of our strain are nearly double the size of the old varieties and fairly cover the plants, which are useful in beds, pots or borders. Pkt., 5c; $\frac{1}{2}$ oz., 15c.

CARNATION. Chabaud Mixed. (P). This reselected French sort blooms in five months from seed and from then on blooms indefinitely in wonderful profusion of splendid double flowers. Pkt., 10c; $\frac{1}{4}$ oz., 50c.

CARNATION. Dwarf Margaret. (P). Our mixed color strain of this general favorite will produce an abundance of fragrant double flowers. They are quite hardy, bloom 4 months from seed, and may be cut back and planted in pots for Winter blooming. With slight covering they will live out all Winter. Pkt., 10c; $\frac{1}{4}$ oz., 35c.

CASSIA CHAMAECRISTHA—PARTRIDGE FEATHER. (A). Two to three feet in height, with delicate pinnate foliage and large canary-yellow blossoms. Excellent for mass planting or for an annual hedge. Pkt., 10c; $\frac{1}{4}$ oz., 15c.

CATCHFLY. (A). A bright-colored, free-flowering annual, largely grown for Spring flowering and used in borders and rockwork. Pkt., 5c; $\frac{1}{4}$ oz., 25c.

CELOSIA CHILDRI—CHINESE WOOL-FLOWER. (A). Plants grow from 2 to 3 feet high with flower heads resembling bright colored, loose balls of wool. The red, pink and yellow blooms of our mixture start early and do not fade until frost. This is fine for mass planting or for growing along the driveway or next to the house. Pkt., 10c; $\frac{1}{4}$ oz., 45c.

CENTAUREA IMPERIALIS. Giant Sweet Sultan. (A). The finest of all Sweet Sultans for cut flowers. The large, sweet scented, graceful, thistle-like blooms are borne on long strong stems. Mixed. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

CHINESE LANTERN PLANT—PHYSALIS FRANCHETTI. (P). Produces lantern-like fruits that turn bright red when ripe. The stems should then be cut, the leaves stripped off, and the fruits will retain their color through the Winter. Pkt., 10c; $\frac{1}{4}$ oz., 35c.

CHRYSANTHEMUM CORONARIUM—FRENCH MARGUERITE. (A). These annual Chrysanthemums are altogether different from the large-flowered late varieties grown by florists. Pkt., 5c; $\frac{1}{4}$ oz., 20c.

CLARKIA. Double Mixed. (A). This popular hardy annual is easily grown with most beautiful results. One of the best for clay soils. Our mixture contains rosy purple, rose salmon, and white. Pkt., 10c; $\frac{1}{4}$ oz., 20c.

COBAEA SCANDENS. Cathedral Bells. (A-C). Very prolific and perfectly hardy. This is the most handsome and rapid growing of annual climbers. It is always clean of insects. The flowers are bell-shaped and very beautiful. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

COLUMBINE-HYBRID. (P). Varying shades from almost purple, through yellows to white, mostly long spurred. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

Giant Flowering
Candytuft.

Clarkia—Double Mixed.

COSMOS

EARLY MAMMOTH FLOWERING SINGLE MIXED. (A).

We offer a strain of Cosmos that comes into full bloom early enough to satisfy the wants of flower growers in this section. The plants are easily raised and form large bushes, 4 to 5 feet tall, covered in late Summer with huge blossoms. A fine annual hedge. Pkt., 5c; $\frac{1}{4}$ oz., 20c.

EARLY FLOWERING DOUBLE CRESTED MIXED. (A).

This new class, sometimes called Anemone-flowered, is the best of all Cosmos for cutting and one of the first sorts for mass planting. Although this is a new variety, it comes practically true from seed, but a small percentage of single blooms must be expected. Pkt., 10c; $\frac{1}{4}$ oz., 65c.

WILD CUCUMBER. (A-C). The quickest growing climber we have. Thickly dotted with white flowers followed by ornamental and prickly seed pods. For Spring planting pour scalding water over seed before sowing. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 55c.

SUMMER CYPRESS—BURNING BUSH. (A). A highly ornamental annual of very rapid growth which forms a pyramidal bush from 2 to 3 feet high, having a cypress-like appearance. The leaves are a light pea-green until September when they change to a carmine or bright red. Pkt., 5c; $\frac{1}{2}$ oz., 15c.

CYPRESS VINE. (A-C). A most beautiful climber with dark green fernlike foliage and mass of beautiful star-shaped flowers. Pkt., 5c; $\frac{1}{2}$ oz., 25c.

DAHLIA, DOUBLE. A mixture of seeds from the best varieties.

Pkt., 10c.



Single Early Cosmos.

DAISIES



Shasta Daisy.



Helichrysum.

SHASTA DAISY. *Alaska.* (P.) This hardy perennial can be grown out of doors anywhere with light Winter protection. The flowers are large with white petals and small golden centers. We offer the choicest obtainable strain. **Pkt., 10c; ¼ oz., 90c.**

AFRICAN DAISY. *Dimorphotheca Aurantiaca Hybrids.* (A.) An easily grown, beautiful and extremely showy annual from South Africa. Plants grow about one foot high and enjoy a sunny location. This is one of the loveliest of flowers. **Pkt., 10c; ¼ oz., 30c.**

For Shasta Daisy Roots, See Page 67.

DIANTHUS. *Chinese Pink.* (A & P.) Like its relative, the carnation, the Dianthus is supremely beautiful. Our mixture ranges from pure white to the most delicate pink and deep growing crimson. It includes all the standard sorts and all the newest spotted, striped and handsomely fringed varieties. **Pkt., 5c; ¼ oz., 20c.**

DIGITALIS—FOXGLOVE. (P.) Easily grown semi-hardy perennial attaining a height of from 2 to 4 feet and producing long spikes of beautiful tubular-shaped flowers. **Pkt., 5c; ¼ oz., 25c.**

FORGET-ME-NOT. (P.) These charming little favorites succeed best in cool, moist soils, blooming most freely during the Spring and Fall months. If tightly covered, they will live through the Winter and will bear even more profusely the second Spring than the first. **Pkt., 10c; ¼ oz., 40c.**

FOUR O'CLOCK. *Mirabilis of Peru.* (A.) A beautiful bushy, free-flowering old-fashioned favorite. The single flowers open only in the afternoon or on cloudy days. All colors mixed. A good annual hedge. **Pkt., 5c; ½ oz., 20c.**

GARDENIA—BLANKET FLOWER. (P.) This is one of the most satisfactory perennials, blooming from July 1st until frost. Our single mixture will give you all possible combinations of yellow and red. **Pkt., 10c; ¼ oz., 25c.**

GERANIUM. (A.) Sown early in the Spring, indoors, these are easily raised from seed and frequently reward the cultivator with charming new colorings. In fact, propagation by seed is the only way to obtain new varieties. Our mixture is of the largest and finest strains. **Pkt., 10c.**

GOURDS. *Ornamental Mixed.* (C.) A valuable class of annual climbers. The gourds are of various sizes and colors and if allowed to ripen on the vines, can be kept for months as curiosities. **Pkt., 5c; ½ oz., 25c.**

GYPSOPHILA ELEGANS GRANDIFLORA ALBA—ANGEL'S BREATH. (A.) An improved white flowering strain of the delicately graceful favorite so much in demand for cutting and in combination with other flowers. **Pkt., 5c; ¼ oz., 15c.**

GYPSOPHILA PANICULATA—BABY'S BREATH. (P.) Graceful masses of tiny white flowers, useful in bouquets. **Pkt., 10c; ¼ oz., 25c.**

HELIANTHUS. *Chrysanthemum Flowered.* (A.) The best and most effective of all annual sunflowers. The flowers are immense, from 12 to 15 inches in diameter and extremely double. Especially adapted for hiding unsightly places. **Pkt., 5c; ½ oz., 35c.**

HELIANTHUS—MAMMOTH RUSSIAN SUNFLOWER. (A.) This is the old-fashioned heavy seed producer. Single heads measure from 12 to 22 inches across and contain an immense quantity of seed valuable as a poultry and stock food. **Pkt., 5c; 1 lb., 27c; postpaid. By express or freight, 10 lbs., \$1.25.**

HELICHRYNUM—EVERLASTING or STRAWFLOWER. (A.) Much prized for durable bouquets and Winter decoration. To dry, gather flowers when unfolded and hang heads down in a cool place. Finest mixed. **Pkt., 5c; ¼ oz., 20c.**



Dianthus—Chinese Pink.



Four O'Clock

HELIOTROPE. (A-T.) A universal favorite on account of its fragrance and beauty. Few realize that it can be raised from the seed as easily as the Verbena. Seed sown early indoors will insure a long period of bloom. Used both for bedding and pot plant. **Pkt., 10c; ¼ oz., 65c.**

HOLLYHOCK

HOLLYHOCK. *Pioneer Double Mixed.* (P.) Tall, stately, majestic, our strain of this old-fashioned favorite can not be improved upon. This is a perennial and will not bloom the first year unless planted indoors in March. Our mixture comprises all shades. **Pkt., 10c; ¼ oz., 50c.**

HOLLYHOCK. *Bismarck Single Mixture.* (P.) Many prefer the single Hollyhocks to the doubles. The single sorts are slightly harder, more vigorous and rust resistant. Our mixture will be found very satisfactory. **Pkt., 5c; ¼ oz., 20c.**

HOLLYHOCK. *Annual Double Finest Mixed.* (A.) If sown in open ground in May these will bloom in August. Earlier blooming may be obtained by starting indoors. Continuously covered by large flowers in variety of colors. Double and semi-double. **Pkt., 10c; ¼ oz., 50c.**

For Hollyhock Roots, See Page 67.



ICE PLANT—MESEMBRYANTHEMUM CRYSTALLINUM. (A.) A trailing plant with singular icy foliage; most excellent for vases, hanging baskets or rockwork. **Pkt., 5c; ¼ oz., 20c.**

LAVATERA. *Rosea Splendens, Swiss Rose.* (A.) An annual Mallow, showy and effective for either large borders or cutting, with very large, bright, rose flowers. **Pkt., 10c;**

LAVATERA—PERENNIAL SIBERIAN. (P.) A beautiful, giant, hardy pink Mallow brought from Siberia by Professor N. E. Hansen. **Pkt., 10c.**

LOBELIA. *Crystal Palace Compacta.* (A.) One of the best and most popular border plants, bushy, 6 inches high, with dark foliage and deepest blue flowers which fairly cover the plants throughout the season. **Pkt., 10c; ¼ oz., 95c.**

Pioneer Double Hollyhock



Annual Larkspur.

LARKSPUR—DELphinium. Annual Tall Stock-Flowered Mixed. (A). The annual forms of Larkspur with their long, graceful spikes of bloom are valuable for borders and planting among shrubs. For early blooming, start indoors. Pkt., 5c; 1/4 oz., 20c.

LARKSPUR—DELphinium. Perennial Finest Mixed Gold Medal Hybrids. (P). Especially striking as backgrounds for borders, this quick-growing, free-flowering, old-fashioned perennial with its erect spikes of beautiful blossoms holds first rank. For blooms the first year, start indoors. Pkt., 10c; 1/4 oz., 50c.

For Perennial Larkspur Roots, See Page 67.

LINUM—SCARLET FLAX. (A). Brilliant crimson-rose flowers. For continuous bloom throughout the summer make successive plantings. Pkt., 5c; 1/4 oz., 20c.

RED POPPY MALLOW. (P). A hardy, easily grown low perennial with handsome, deeply cut foliage that bears purplish red flowers throughout the summer. Pkt., 10c.

MARIGOLD. The Eldorado—Tall African Double. (A). The plants grow 3 feet high with large, double, imbricated flowers, from 3 to 4 inches in diameter. Our strain embraces four shades of colors: the lightest primrose, lemon, golden yellow, and deep orange. Pkt., 5c; 1/4 oz., 20c.



Eldorado Marigold.

MARIGOLD—GUINEA GOLD. Rich orange gold blossoms covering a plant 2 to 2 1/2 feet tall. The blooms are 2 to 2 1/2 inches across, double, and much more graceful in form than the old type Marigold, due to the longer and somewhat frilled petals. Pkt., 10c; 1/4 oz., 45c.

MARIGOLD. French Mixed. (A). A dwarf strain remaining like bushes 1 foot high, quick growth and free flowering habit. The double flowering sorts of our mixture include most beautiful colors. Pkt., 5c; 1/4 oz., 15c.

MIGNONETTE. Machet. (A). The best everblooming strain for either outdoor or inside planting. It is of dwarf pyramidal growth, with numerous flower stalks. The blossoms are highly colored and very fragrant. Pkt., 5c; 1/4 oz., 34c.

FINEST MIXED MORNING GLORY—CONVOLVULUS MAJOR. (A-C). A fine mixture of the old-fashioned, yet ever popular climber. Pkt., 5c; oz., 15c; 1/4 lb., 45c.

MORNING GLORY—HEAVENLY BLUE. The finest of morning glories and a profuse bloomer its true blue, white throated flowers are 3 to 4 inches across. Pkt., 15c; 1/4 oz., 40c.

JAPANESE MORNING GLORY—IPOMOEA IMPERIALIS. (A-C). The delicately colored flowers range from snow-white to black purple. Requiring a warm situation for best growth, vines will frequently make 18 feet in a Summer. Leaves are attractive in their variations. Pkt., 5c; oz., 20c; 1/4 lb., 75c.

NIGELLA—(Love-In-A-Mist). Miss Jekyll. (A). A favorite, compact growing plant in whose fine feathery foliage nestle lovely double blue flowers. Pkt., 10c; 1/4 oz., 20c.

NICOTIANA. Affinis Hybrids. (A). Our splendid hybrids give a profuse display of delightfully sweet-scented, showy, many shaded blooms from July until frost. The bushy plants are from 2 to 3 feet high. Pkt., 10c; 1/4 oz., 25c.



Nasturtium—Golden Gleam.

NASTURTIUMS (A)

NASTURTIUM—DOUBLE SWEET SCENTED GLORIOUS GLEAM HYBRIDS FINEST MIXED. This double, delightfully sweet scented Nasturtium in remarkable color range is an all-round garden favorite. Pkt., 10c; oz., 25c.

NASTURTIUM—GOLDEN GLEAM DOUBLE SWEET SCENTED. The most Nasturtium that has attained instant popularity. The golden yellow double blooms are very sweet scented and borne well above the foliage on strong, bushy plants. Pkt., 10c; oz., 20c; 1/4 lb., 65c.

WILL'S PIONEER BRAND DWARF MIXED NASTURTIUMS. Our mixture is the best obtainable and very desirable for bedding, vases and pot plants. This seed should be planted in rows two feet apart, and when well started, thinned to 10 inches in the rows. Plants bloom freely and the flowers embrace every desirable color. Pkt., 5c; oz., 15c; 1/4 lb., 35c; 1/2 lb., 60c; 1 lb., \$1.00.

WILL'S SUPERB TALL MIXED NASTURTIUMS. Our magnificent strain makes a strong growth of from 5 to 6 feet, flowering freely from Spring to Fall with large blooms of the most brilliant shades. Pkt., 5c; oz., 15c; 1/4 lb., 35c; 1/2 lb., 60c; 1 lb., \$1.00.



Royal Show Pansies.

WILL'S PANSIES (P)

Culture. Pansies are the most popular of all flowers and everyone should grow a bed of this hardy group. Best results may be had by sowing seed indoors in February, transplanting when large enough, one inch apart, and then again to the open ground in May. The largest sized flowers can only be attained in rich soil. Manure from the cow stable is especially beneficial.

WILL'S ROYAL SHOW. We have spared neither care nor expense in our efforts to make Will's Royal Show Pansies the best mixture obtainable. The colorings and markings are diverse beyond belief. The blooms are all that can be desired in size and form. Pkt., 15c; 2 pks., 25c; 1/4 oz., \$1.75.

WILL'S PREMIUM MIXTURE. While not to be compared with the Royal Show, Will's Premium Mixture has large blooms in complete color range, and will please everyone who enjoys Pansies and can appreciate quality of color, shape, and substance. Pkt., 5c; 1/4 oz., 60c.

For Pansy Plants, See Page 55.



Phlox Drummondii.

PHLOX. *Drummondii Grandiflora.* (A). Of all Summer flowering annuals, Phlox Drummondii stands among the most brilliant and satisfactory. The trusses are large and well rounded, while the individual florets are as large as those of the perennial Phloxes. The colors we offer in our superb mixture are most distinct and brilliant. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

PENTSTEMON GRANDIFLORA — BEARD TONGUE. (P). One of the most beautiful of our native perennial flowers and absolutely hardy. The plant grows 2 feet high, blooming in early July, with long spikes of large lavender, bell-shaped blossoms. Fine for cutting and color masses. Pkt., 5c; $\frac{1}{4}$ oz., 20c.

PORTULACA—ROSE MOSS. (A) A hardy dwarf annual of easy culture. It thrives anywhere and produces an abundance of brilliant blooms where almost any other plant would die. The flowers are rich and brilliant in coloring. Fine for beds, borders and rock planting. **DOUBLE MIXED.** Pkt., 10c; $\frac{1}{4}$ oz., 80c; oz., 82-10. **SINGLE MIXED.** Pkt., 5c; $\frac{1}{4}$ oz., 20c; oz., 55c.

PRIMROSE or PRIMULA. (T-A). Japanese Primrose Mixture. Seed sown in April will make fine specimen plants which will begin to bloom in the Fall and continue through the Winter. Our mixture includes the choicest colors. Pkt., 10c.



Single Portulaca.

PETUNIAS (A)

Culture. The greatest care should be taken in planting Petunia seeds. The covering of soil should not exceed one-sixteenth of an inch in depth and while the earth must be kept warm and moist, excessive moisture must be avoided.

ALL DOUBLE GIANT FRINGED MIXED. This is the best Double Petunia Seed obtainable. Practically all plants will have double fringed blooms. The intensely careful work necessary to produce this seed makes it worth several times its weight in gold. Pkt., containing 140 seeds, 35c; 2 pkts., 60c.

HYBRIDA GRANDIFLORA. In this mixture will be found all the choicest and most beautiful single and semi-double flowers and cultivations. The colors and markings are simply wonderful. Our seed is saved from strong, thrifty, free-flowering plants which show the richest colors and most striking markings. Pkt., 10c; $\frac{1}{4}$ oz., 35c.

ROSY MORNING GLORY. A dwarf Petunia, dainty and effective for borders and window boxes. In color a soft carmine pink with white throat. Pkt., 10c; $\frac{1}{4}$ oz., 90c. For Single and Double Petunia Plants See Page 55.



All Double Giant Fringed Mixed Petunias



Carnation Poppy.

CALIFORNIA POPPY or ECHSCHOLTZIA. Crimson, white and gold. A showy, free-flowering plant of low, spreading growth and finely divided silver-gray foliage. Seed should be sown thinly and early in the spring. Where a solid bed is desired, seed may be thinly broadcast and raked in. This is the most effective way of planting this gorgeous flower. We can supply separate colors in one-fourth ounces. Pkt., 10c; $\frac{1}{4}$ oz., 15c.

MIXED ORIENTAL POPPY. (P). Unrivalled for gorgeous effectiveness in perennial borders and shrubberies, the blooms are immense, frequently six inches across. Pkt., 10c; $\frac{1}{4}$ oz., 70c.

RICINUS—CASTOR BEANS. (A). Strong growing ornamental plants of stately growth, ornamental foliage, and brilliant colored fruit. Much used for center plants in beds and for massing. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 45c.



California Poppy—Eschscholtzia.



Snow-on-the-Mountain.

used in mixed borders and as a background for lower growing plants. **Pkt., 10c; $\frac{1}{4}$ oz., 25c.**

SCABIOSA—MOURNING BRIDE. (A). Our large flowering tall double sort forms compact, rounded plants of dark green foliage, 10 inches in height. The flowers are borne on tall, slender stems 20 inches in length and bloom from the middle of July to frost. Scabiosa is prized for cutting and much used for borders. **Pkt., 5c; $\frac{1}{4}$ oz., 20c.**

SUN DROP—Oenothera Rhombipetala. This is perennial if cut back after blooming. It grows from 1 to 3 feet high and is covered with bright yellow flowers from 1 to $1\frac{1}{2}$ inches in diameter. **Pkt., 10c.**

SWEET ROCKET—HESPERIS. (B). An old-fashioned plant growing 2 to 3 feet high, bearing spikes of showy fragrant flowers. Used for borders and cutting. **Pkt., 10c; $\frac{1}{4}$ oz., 30c.**



Zinnia-Fantasy.

Zinnia
Scabious Flowered.Dwarf
Weeks Stocks

SAVIA *Clara Bedman or Bonfire.* (T-A). Its erect spikes of brilliant scarlet flowers make this one of the most handsome of Salvias. It makes a good pot plant and does well in window boxes, but is best used as a hedge or border plant for brilliant color effect. **Pkt., 10c; $\frac{1}{4}$ oz., \$1.00.**

SCHIZANTHUS—BUTTERFLY FLOWER *Wisetonensis.* (A). Also called "Poor Man's Orchid." One of the daintiest of annuals, of easiest culture, this very early bloomer is completely covered with small but bright butterfly-like flowers in wide range of color and bi-color. **Pkt., 10c; $\frac{1}{4}$ oz., 20c.**

SNOW - ON - THE - MOUNTAIN — EUPHORIA VARIEGATA. (A). A bushy plant with insignificant flowers, but whose broad green leaves are heavily margined with silvery white, much like those of the Snow-on-the-Mountain. **Pkt., 10c;**

Scabiosa
Mourning Bride.Salpiglossis
or Velvet Flower.



Early Flowering Spencer Sweet Peas

Choice Mixed Sweet Peas

EARLY FLOWERING SPENCER MIXTURE. These bloom two weeks before the standard Spencer varieties, but with the same large, waved flowers. They have replaced the standard Spencers in greenhouse planting and, though they do not grow quite as tall, their earliness and long season of bloom make them invaluable in outdoor planting, particularly in the short seasons north. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 90c; $\frac{1}{2}$ lb., \$1.65; 1 lb., \$3.00.

RUFFLED SPENCER MIXED SWEET PEAS. The newest and finest in Sweet Peas with gigantic blossoms so ruffled and frilled that they appear almost double; a treat for all lovers of Sweet Peas. Pkt., 15c; oz., 40c; $\frac{1}{4}$ lb., \$1.45; $\frac{1}{2}$ lb., \$2.25; 1 lb., \$4.00.

WILL'S IMPERIAL MIXED SWEET PEAS. A blend of all the best Spencer Strains and the old, but ever popular Grandiflora types. Every color of the rainbow in unlimited variety is represented in every possible combination; striped, blotched, mottled, and margined. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 60c; 1 lb., \$1.00.

WILL'S GIANT SPENCER MIXED SWEET PEAS. A mixture of equal parts of the fourteen named varieties of Spencer Sweet Peas listed on the next page. This is the best Spencer mixture we know how to make. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 70c; $\frac{1}{2}$ lb., \$1.20; 1 lb., \$2.00.

Treat Sweet Peas with

NITRAGIN

Garden Size 25¢, Postpaid

See Page 77



I have ordered my Sweet Pea Seed from you for several years, so you may feel sure that I am well satisfied. I never fail to tell where I get my seed when people ask me.

Last year, in spite of the hot dry summer, my vines were fully six feet tall and covered on both sides with gorgeous blooms. We poured a five gallon can of water on them every other evening. Everyone who saw them said they had never seen such healthy looking vines and such large flowers.

Yours sincerely,

MRS. RALPH SISLER,
Grand Rapids, Minn.

Will's Sweet Peas

SWEET PEA COLLECTION

One regular packet of each of the 14 varieties of Sweet Peas listed on next page. If purchased separately would cost \$1.40. Will sow 80 feet of row.

95c

A Few Suggestions

The Sweet Pea plant or vine succeeds best in cool, moist, yet well drained soil. To secure the longest possible season of bloom the seed must be planted early. The best mode of planting is the trench method. The trench is dug two feet deep and two feet wide, and filled nearly to the surface of the ground with a mixture of well rotted manure and rich soil, with a six-inch layer of soil at the top. The seed should be sown, two inches deep, at the rate of one ounce to twenty feet. During dry weather the ground should be thoroughly soaked once or twice each week. A light spraying of the vines in the evening during hot weather will be found beneficial, and the earth should at all times be kept loose about the plants to a depth of two inches. Sweet Peas should be cut early in the morning and the more closely the flowers are kept cut off the longer will be the period of bloom. Remember, the vines quickly wither if allowed to produce any great amount of seed. Spray thoroughly and often to prevent infection by aphids.



Will's Giant Spencer Sweet Peas

WILL'S SWEET PEAS

Summer Flowering Spencer Varieties

These are the orchid-flowered or large waved Sweet Peas. We have endeavored to select for you the choicest and most beautiful varieties. About 100 seeds in a packet.

The following varieties of Sweet Peas are priced at: Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 90c, postpaid. One packet of each, or 14 packets, 95c.

AMBITION. The best rosy lavender.

AVALANCHE. A pure glistening white and the best white we know.

BLUE BIRD. Clear medium blue.

BRILLIANT ROSE. A lovely bright rose, and the most desirable of its color class. The large, beautiful flowers are borne on long stems.

COMMANDER GODSALL. A free blooming deep violet-blue.

FLUFFY RUFFLES. An exquisite light cream pink. Great big flowers ruffled and frilled.

MARY PICKFORD. A very large flower, dainty cream pink with a soft suffusion of salmon, and a profuse bloomer.

MRS. A. SEARLES. A bright orange-cerise with golden glow. A fine new variety of wonderful size, we regard this as the best deep cerise.

OLYMPIA. A large, deep rich purple flower of exquisite form. The best purple.

PINKIE. A very fine deep pink of largest size.

RED BOY. Pure rich crimson, long stemmed, vigorous.

ROYAL SCOT. A brilliant orange-scarlet that does not fade or burn in the hottest sunshine.

WARRIOR. A rich chocolate-maroon shaded lightly with bronze, a free bloomer and strong grower.

WHAT JOY. A rich deep primrose-yellow.

Each of the fourteen varieties of Sweet Peas listed above sells for: Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 90c, postpaid. Fourteen packets, one of each sort, for 95c.



Pinkle.

Will's Pioneer Vegetable Seeds Grow Quick

WILL'S SEEDS Stand for Earliness and Hardiness. Back of WILL'S SEEDS are FIFTY-FOUR YEARS of Experience



Please remember that the Garden Seed prices here quoted are by mail, postpaid to any address in the United States, unless otherwise noted. Prices of one pound or over subject to change.



WILL'S Hardy Garden Seeds, Acclimated to the Northwest, Do Well Everywhere

WILL'S PIONEER INDIAN COLLECTION

Seven packets of

the same vegetable varieties that were grown by the Indians long before they ever saw or heard of a white man.

One packet each of: Arikara Squash, Arikara Watermelon, Omaha Pumpkin, Mandan Squash, Nuetta Sweet Corn, Arikara Beans and Iriquois Pop Corn. Postpaid, price, 30c.

PLANTING TABLE FOR VEGETABLES

For the Farm Garden we recommend that all rows be equal distances apart and that that distance be the same as that of the cultivated field crops of the farm.

Ft. of Row for Five Persons	Kind of Vegetable	Dist. Apart of Plants in Rows (Inches)	Least Dist. Between Rows (Inches)	Seed for 100 Feet of Row	Ft. of Row for Five Persons	Kind of Vegetable	Dist. Apart of Plants in Rows (Inches)	Least Dist. Between Rows (Inches)	Seed for 100 Feet of Row
200	*Beans —	2-5.....	20.....	1 $\frac{1}{2}$ lbs.	300	Onions	4-6.....	14.....	$\frac{1}{2}$ oz.
100	Beans —				200	Onions, from sets.....	2-3.....	16.....	3 pts. sets.
	Dwarf, Lima	6.....	20.....	1 $\frac{1}{2}$ lbs.	50	Parsnip	3-5.....	18.....	$\frac{1}{2}$ oz.
150	Beets	2-4.....	18.....	1 oz.	300	*Peas	3 $\frac{1}{2}$ -4 $\frac{1}{2}$	30.....	2 lbs.
200	Cabbage	16-24.....	24.....	50-75 plants.	25	Peppers	16.....	24.....	20 plants.
50	Cauliflower	16-24.....	24.....	50-75 plants.	800	Potatoes, Early	14-18.....	30.....	$\frac{1}{2}$ peck.
50	*Carrot	2.....	18.....	1 oz.	150	*Radish	1-2.....	16.....	1 oz.
50	Celery	4-8.....	18.....	200 plants.	200	*Spinach	1-3.....	18.....	1 oz.
500	*Corn, Sweet	16-36.....	30.....	1 $\frac{1}{2}$ lb.	25	Squash, Summer	Hills 42.....	42.....	$\frac{1}{2}$ oz.
100	Cucumber	48.....	Hills 48	1 $\frac{1}{2}$ oz.	100	Tomato	30.....	36.....	40 plants.
25	Eggplant	20-30.....	24.....	50 plants.		*Turnip	2-4.....	18.....	$\frac{1}{2}$ oz.
50	*Lettuce	4-8.....	Beds 6	1 $\frac{1}{2}$ oz.					
150	Muskmelon	Hills 72	72.....	1 $\frac{1}{2}$ oz.	800				

These vegetables marked * should not all be planted at one time, but apart at intervals of 2 or 3 weeks to secure a continuous supply.



Green Pod Stringless Beans.

PENCIL POD BLACK WAX. An old favorite sort, hardy, productive and of excellent flavor. Long, golden yellow pods, stringless and brittle. About the best round podded Wax Bean. Pkt., 5c; $\frac{1}{4}$ lb., 12c; $\frac{1}{2}$ lb., 20c; 1 lb., 32c, postpaid. Not prepaid, 5 lbs., 90c; 10 lbs., \$1.60.

NEW KIDNEY WAX. A productive and high quality mid-season variety, stringless, fiberless, very fleshy and brittle. The flat pods average $6\frac{1}{2}$ inches long and are an attractive, clear yellow in color. Pkt., 5c; $\frac{1}{4}$ lb., 13c; $\frac{1}{2}$ lb., 22c; 1 lb., 35c, postpaid. Not prepaid, 5 lbs., \$1.05; 10 lbs., \$1.90.

UNRIVALLED WAX. An immensely productive, very early, showy sort. The fleshy pods are clear yellow in color, with a trace of string but quite fiberless. The plant is very vigorous. This is one of the best yellow podded varieties. Pkt., 5c; $\frac{1}{4}$ lb., 13c; $\frac{1}{2}$ lb., 22c; 1 lb., 35c, postpaid. Not prepaid, 5 lbs., \$1.05; 10 lbs., \$1.90.



Pencil Pod Black Wax.

Bohnen (Ger.) **Will's Beans** Boenner (Scan.)

Ask for Prices on Large Lots



INOCULATE THIS SEED
NITRAGIN
A new and important seed fertilizer
See Page 77

CULTURE: Beans should not be planted until the ground is warm, as cold and wet weather will cause the seed to rot. For garden culture plant four or five seeds in hills one foot apart, and the rows 18 inches apart. For field culture make the rows three or three and one-half feet apart, and cover with two inches mellow soil. Do not hoe or cultivate while the plants are wet with dew or rain, as getting the leaves bespattered with earth causes rust, which injures the crop. One pound of beans is a little more than one pint.

DWARF OR BUSH BEANS

BOUNTIFUL. A favorite throughout the Northwest for its earliness, hardness, and productivity. The light green pods average 6 to 7 inches in length and are stringless, thick, flat, slightly fibrous, and of excellent quality. Its hardness and yield under adverse conditions are its best qualities. Pkt., 5c; $\frac{1}{4}$ lb., 12c; $\frac{1}{2}$ lb., 20c; 1 lb., 32c, postpaid. Not prepaid, 5 lbs., 90c; 10 lbs., \$1.60.

GREEN POD STRINGLESS. This most widely grown of all the green podded sorts is very early and of best quality. The dark green pods are round, straight, thick, meaty, strictly stringless and brittle. Pkt., 5c; $\frac{1}{4}$ lb., 10c; $\frac{1}{2}$ lb., 18c; 1 lb., 30c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.50.



Bountiful.

SHELL or SNAP BEANS

ENGLISH BROAD WINDSOR. The broad bean is one of the common household vegetables in Great Britain and on the Continent of Europe, and is very much esteemed there. This is the heaviest cropping broad bean. Delicious either cooked fresh or as a Winter shell bean. Pkt., 10c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.25; 10 lbs., \$2.40.

DWARF HORTICULTURAL or CRANBERRY. The old fashioned New England snap and shell Bean, and you haven't tasted succotash until you have tried building it around this Bean. The pods are about 5 inches long, flat, almost stringless, greenish-yellow splashed with carmine. The seeds are deep buff, streaked with dark red. Pkt., 5c; $\frac{1}{4}$ lb., 13c; $\frac{1}{2}$ lb., 22c; 1 lb., 35c, postpaid. Not prepaid, 5 lbs., \$1.05; 10 lbs., \$1.90.

DWARF OR BUSH BEANS



Sure Crop Stringless.

SURE CROP STRING-LESS WAX. A heavy yielding and delicious wax bean. Very bushy with long flat yellow w pods. Has been increasingly popular every year since its introduction. Absolutely stringless; very hardy; rust resistant with a very strong plant growth. The best flat podded Wax Bean. Pkt., 5c; $\frac{1}{4}$ lb., 12c; $\frac{1}{2}$ lb., 20c; 1 lb., 32c, postpaid. Not prepaid, 5 lbs., 90c; 10 lbs., \$1.60.



Improved Golden Wax.

POLE BEANS

KENTUCKY WONDER WAX. The best pole wax bean for northern planting. The light yellow pods are 8 to 9 inches long, thick, very fleshy and brittle. This is one of the earliest of the pole sorts. Pkt., 5c; $\frac{1}{4}$ lb., 13c; $\frac{1}{2}$ lb., 22c; 1 lb., 35c, postpaid. Not prepaid, 5 lbs., \$1.65; 10 lbs., \$1.90.

KENTUCKY WONDER or OLD HOMESTEAD. The most popular green-podded climbing bean. The pods are 8 to 9 inches long, fleshy, curved, tender and of good quality. The old reliable. Pkt., 5c; $\frac{1}{4}$ lb., 12c; $\frac{1}{2}$ lb., 20c; 1 lb., 32c, postpaid. Not prepaid, 5 lbs., 90c; 10 lbs., \$1.60.

BUSH LIMA

JACKSON WONDER. This small seeded, calico colored Lima is as early and dependable as any Lima Bean we have ever had in our trials. Pkt., 5c; $\frac{1}{4}$ lb., 13c; $\frac{1}{2}$ lb., 22c; 1 lb., 35c, postpaid. Not prepaid, 5 lbs., \$1.65; 10 lbs., \$1.90.

HOPI SIEVA LIMA. A small white seeded sort, its flavor is identical with the large Limas. It is as early as Jackson Wonder and very productive. Pkt., 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.30.

FORDHOOK BUSH LIMA. One of the very earliest of all Limas. Pods of good length and contain from 4 to 5 large, thick, white beans. A wonderful producer and of excellent quality. Pkt., 10c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.30; 10 lbs., \$2.40.

Last year is the first time I bought from you. I guess every seed came up. Your Improved Golden Wax Beans were the heaviest and longest bearing beans I ever had.

EDWIN S. BARROWS,
Waterbury, Conn.



Jackson Wonder Bush Lima.

Field Beans



Great Northern Baking Beans. Natural Size.

GREAT NORTHERN

The Most Delicious Baking Bean in the World

Everyone knows the Great Northern Bean, but few know that the seed was originally obtained by Oscar H. Will fifty years ago from Son of a Star, an Hidatsa Indian, by whose tribe it had been raised for many years. Hardy, a wonderful yielder, sweeter, more tender, more readily digestible, and more quickly cooked than Navy Beans, the Great Northern is one of the most largely grown field sorts. $\frac{3}{4}$ lb., 7c; $\frac{1}{2}$ lb., 12c; 1 lb., 20c. **Not prepaid:** 10 lbs., \$1.00; 100 lbs., \$8.00.

HIDATSA RED. A heavy yielder, hardy and an excellent baking Bean. The seed is similar to the Great Northern in shape, but is red in color. **Pkt., 5e; $\frac{1}{4}$ lb., 12c; $\frac{1}{2}$ lb., 20c; 1 lb., 32c, postpaid.**

ARIKARA YELLOW. Even better flavored than the Hidatsa, but not quite as heavy a yielder. It is named after one of the Ft. Berthold Indian tribes by whom it is much grown. **Pkt., 5e; $\frac{1}{4}$ lb., 12c; $\frac{1}{2}$ lb., 20c; 1 lb., 32c, postpaid.**

Spargel (Ger.)

Asparagus

Asparges (Scan.)

Culture. One ounce will sow fifty feet of drill. Sow early in Spring in rows one foot apart; when one year old the roots may be taken up and transplanted in permanent beds, which should be made by taking out the soil to a depth of about 16 inches; fill in with six inches of well rotted stable manure, then six inches of soil somewhat firmed. Place the roots on the same about 10 inches apart with the roots well spread out, and cover so that the crown will be about four inches below the surface. Keep the surface well raked to keep down the weeds until the shoots appear.

MARY WASHINGTON. The new rust resistant variety developed by the experts of the U. S. Department of Agriculture which we believe will soon be grown to the exclusion of all other varieties. A very heavy yielding pedigree strain; the rich, dark green stalks are long, thick and heavy. About 225 seeds to a packet. **Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 45c; 1 lb., \$1.25, postpaid.**



Mary Washington Asparagus.

ASPARAGUS ROOTS

MARY WASHINGTON. Price, postpaid, doz., 35c; 50, \$1.00; 100, \$1.75. F. O. B. here, 50, 90c; 100, \$1.65.



Green Sprouting Broccoli.

Rosenkohl (Ger.)

BRUSSELS SPROUTS

Rosenkaal (Scan.)

LONG ISLAND IMPROVED. Undoubtedly the best and most dependable sort of this most delicately flavored of the Cabbage family. This variety is the earliest most dwarf and compact. **Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; 1 lb., \$2.00.**

Blätterkohl (Ger.) **BORECOLE OR KALE** Greenkaal (Scan.)

GREEN CURLLED or SCOTCH. This is more hardy than cabbage and makes excellent greens for Fall and early Spring. A good frost improves the quality. About 1,300 seeds to the packet. **Pkt., 5e; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 55c; 1 lb., \$1.00, postpaid.**

Spargelkohl (Ger.)

BROCCOLI

Broccoli-Kaal (Scan.)

ITALIAN GREEN SPROUTING. A distinct variety forming a large solid head, which remains green. When the central head is cut, numerous sprouts develop from the leaf axes, each sprout terminating in a small green head. Cooked as is cauliflower, it is very easily grown and decidedly worth trying. **Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c.**

My Sweet Peas were just lovely last summer. The best I ever had; your seeds have always been satisfactory. We had better carrots last year than we have ever tasted, and every one that ate them said the same thing, so I am ordering the same kind of seed.

MRS. FRED WOHLWEND, Grand Rapids, Minn.

Cichorienwurzel
(Ger.)**Chicory**Cichorie
(Scan.)

LARGE ROOTED or COFFEE. The roots, dried, cut in thin slices, roasted and ground, are used largely as a substitute for coffee. The leaves make an excellent salad for early Spring use. About 2000 seeds to the packet. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c, postpaid.

Schnittlauch
(Ger.)**Chives**

SCHNITTLAUCH (Grass Onion). The perennial plants grow about ten inches high and the tops, which may be cut frequently, are used in salads and for flavoring soups and stews. About 1200 seeds to the packet. Pkt., 10c; oz., 50c. To those preferring to set out plants we offer Clumps: Each, 25c; 3, 70c, postpaid.

Feldsalat
(Ger.)**Corn Salad**Vaarsalat
(Scan.)

LARGE ROUND-LEAVED. This is a small, quick growing salad plant for late Fall or early Spring. It may also be cooked for greens. About 300 seeds to the packet. Pkt., 10c; oz., 19c; $\frac{1}{4}$ lb., 50c, postpaid.



Blackie Egg Plant

Eierpflanze
(Ger.)**Eggplant**Aegplante
(Scan.)

CULTURE: Sow the seed (which is slow to germinate) in hotbed or in pots or boxes in the house early in the Spring. When all danger of frost is past, transplant in the open ground 2 by 3 feet apart.

Care must be taken not to allow the plants to be checked in growth. Watering may be necessary in extremely dry years, but this delicious vegetable will repay any trouble taken and should be in every garden.

BLACKIE. This origination of the Central Experiment Farm, Ottawa, Canada, is a cross between Black Beauty and Extra Early Dwarf Egg Plants. The result is a commercially valuable Egg Plant, much larger than Extra Early Dwarf and very much earlier than Black Beauty. This new sort is the earliest good sized Egg Plant. Pkt., 15c; oz., 65c; $\frac{1}{4}$ lb., \$2.00, postpaid.

EXTRA EARLY DWARF. This is the earliest Egg Plant grown, ripening nearly two weeks before any of the late sorts. The fruit is small but delicious. This is an exceedingly satisfactory variety for our section. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.35, postpaid.

BLACK BEAUTY. Until the introduction of Blackie this was the earliest of the large type Egg Plant. The fruit is a very uniform dark purple, the size is large and uniform and the color and texture hold for an unusually long time. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.25, postpaid.

For Egg Plant plants See Page 56

NEST EGG. Resembling in color, shape and size the hen's egg. Do not crack, last for years, and make the best nest eggs. Rapid grower and useful in covering screens, etc. About 60 seeds to the packet. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 70c, postpaid.

NEW JAPANESE DISCHLOCLOTH or LUFFA. Ornamental enough for a house vine and fruit is very useful. Fruit enormous, two feet in length and borne in great profusion. The lining of mature fruit, when washed and bleached, is porous, elastic and sponge-like, besides being useful for various articles of fancy work. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 70c, postpaid.

Lauch
(Ger.)**Leek**Purre
(Scan.)

LARGE LONDON or FLAG. Sow early in a bed. When 6 inches high, trim off tops and transplant in rows 4 inches apart. About 1200 seeds to the pkt. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c, postpaid.

Ocher
(Ger.)**Okra**Hibiskus
(Scan.)

DWARF GREEN. A southern vegetable that is not difficult to raise in North Dakota. Start plants inside and transplant after frost is over. This is the earliest variety. About 70 seeds to the packet. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c, postpaid.

Garten-Kresse
(Ger.)**Cress**Karse
(Scan.)

UPLAND. Its leaves impart an agreeable and pungent taste to salads, and are also used for garnishing. About 1700 seeds to the packet. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c, postpaid.

Endivien
(Ger.)**Endive**Endivie
(Scan.)

MAMMOTH GREEN CURLED. The standard variety with finely divided leaves which give the plant a mossy appearance. Endive is coming rapidly into favor for greens because of its excellent flavor. About 1400 seeds to the packet. Pkt., 5c; oz., 12c; $\frac{1}{4}$ lb., 45c, postpaid.

BROAD LEAVED BATAVIAN or ESCAROLE. One of the best varieties for salads. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c, postpaid.

MUSHROOM SPAWN—Bottle Spawn. One bottle will plant 35 to 40 square feet of bed or about five times as much as one brick. Catches quicker and handles easier than brick spawn. Per bottle, 90c, postpaid.

Knoll Kohl
(Ger.)**Kohl-Rabi**Kaalrabi
(Scan.)

EARLY WHITE VIENNA. This best Kohl-rabi for table use is extra early and easily grown. The very light green or nearly white bulbs are firm and distinctly sweet, and when cooked are crisp, tender and most delicate and tasty. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c.

Mangel Wurzel
(Ger.)

Mangels or Stock Beets

Runkelroe
(Scan.)

A necessity for stock and poultry. Mangels, with their enormous yields, furnish body building material and maintain general good health.



Golden Giant Mangel

CULTURE: Sow in April and May in a deep, mellow seed bed, well manured, in drills 18 inches apart and about two inches deep. Four to six pounds are required to the acre. About 450 seeds in a packet.

GOLDEN GIANT or DANISH SLUDSTRUP. The ovoid roots are reddish yellow, growing more than half above ground and easily harvested. By actual tests this far excels any other variety in weight and feeding value. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 30c; 1 lb., 55c, postpaid. Not prepaid, 5 lbs., \$2.15.

MAMMOTH LONG RED. This is the heaviest cropping and largest of all Mangels with frequent yields of 40 tons per acre. It grows well above ground and is easily harvested. The deep red roots are straight, well formed and solid. The flesh is pinkish white. This variety is particularly adapted to a deep soil. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 30c; 1 lb., 55c, postpaid. Not prepaid, 5 lbs., \$2.15.

RED ECKENDORF. This is a phenomenal yielder and more largely planted in Germany than any other sort. Is easy to harvest as the root comes to the largest part above ground. Roots are smooth, of cylindrical shape, and weigh from 15 to 25 lbs. The flesh is white, firm and of high nutritive value. One of the best varieties. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 30c; 1 lb., 55c, postpaid. Not prepaid, 5 lbs., \$2.15.

GIANT HALF SUGAR ROSE. This is an intermediate type between the sugar beet and mangel, combines sugar content to a degree with the size of the mangel, thus improving the quality of the feed and maintaining the quantity. Rose colored skin, white flesh. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 30c; 1 lb., 55c, postpaid. Not prepaid, 5 lbs., \$2.15.



Mammoth Long Red Mangel

GOLDEN TANKARD. A variety noted for its milk producing properties. The flesh is firm and solid and of a rich golden yellow color. It grows well above the ground and yields well on light soil. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 30c; 1 lb., 55c, postpaid. Not prepaid, 5 lbs., \$2.15.

Sugar Beet

KLEIN WANZLEBEN. A hardy and easily grown white, wedge-shaped sugar beet. This variety combines heavy yield with an extremely high sugar content. The sugar beet is not only a source of sugar but an excellent stock food and a heavy milk producer. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 30c; 1 lb., 55c, postpaid. Not prepaid, 5 lbs., \$2.15.

Swiss Chard

Beisskohl (Ger.)
Bladbede (Scan.)

LUCULLUS. To our mind the best vegetable that can be raised for greens. The outside leaves are picked off and the plant yields a constant crop from July well into September. The leaves are very large and picking a mess of Swiss Chard for greens is short work. In addition to its value for rich greens, the broad white stems and midribs may be cooked like asparagus or used for pickles. Swiss Chard gives big returns with little care. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 55c; 1 lb., 90c, postpaid.



Swiss Chard,
Lucullus.

Rübe
(Ger.)

Beets

Roedbede
(Scan.)

CULTURE: Sow in drills 15 to 18 inches apart as early as the ground can be worked in the Spring. When the plants are large enough to handle, thin to four or five inches apart in the row. One ounce of seed will sow fifty feet of drill; six pounds per acre. About 450 seeds in a packet.

EARLY WONDER. This selection from Crosby's Egyptian is not as early as the Will's Improved. The roots are very uniform and more nearly globe-shaped with very small top and tap root, dark red skin with deep blood-red flesh and very little zoning. A very popular variety with market gardeners and unexcelled for the home garden. Pkt., 5c; oz., 12c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 60c; lb., \$1.00, postpaid. Not prepaid, 5 lbs., \$4.35.

WILL'S IMPROVED BLOOD TURNIP BEET. This is

an exceptionally fine strain of Crosby's Egyptian. The roots are somewhat flattened though

globular, and the skin a very dark red in color. The flesh is of a slightly lighter shade and lightly zoned. The best first early Beet and a good keeper. Pkt., 5c; oz., 12c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 60c; lb., \$1.00, postpaid. Not prepaid, 5 lbs., \$4.35.

DETROIT DARK RED. The best main crop Beet. The roots are smooth, medium size, globe-shaped. The skin is a dark blood red and the flesh is a solid vermillion-red with no zoning. Pkt., 5c; oz., 18c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 70c; lb., \$1.25, postpaid. Not prepaid, 5 lbs., \$5.60.

OHIO CANNER. This deep blood red Beet is free from zoning, of fine even form, uniform in growth, tender, sweet, and free from stringiness. It is a few days later than our strain of Detroit Dark Red Beet, but holds its tenderness later in its growth than any other sort we have tried. This is the handsomest Beet when canned that we know. Pkt., 8c; oz., 15c; $\frac{1}{4}$ lb., 43c; $\frac{1}{2}$ lb., 75c; 1 lb., \$1.35, postpaid. Not prepaid, 5 lbs., \$6.10.

LONG SMOOTH BLOOD.

Best of the long garden Beets; drought resistant, a very good keeper and grows until late in the Fall. Excellent for sod planting. Pkt., 5c; oz., 11c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; lb., 90c, postpaid.

ECLIPSE. A very early variety with round, bright red roots. The flesh is crimson with pinkish white zones, crisp and tender. Pkt., 5c; oz., 12c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 60c; lb., \$1.10, postpaid. Not prepaid, 5 lbs., \$4.35.

You seeds have been more than satisfactory. For past 18 years have had best of results. I have the name of growing best garden in Minot and give you credit for selling me best seeds year after year.

W. H. MOORE, Minot, N. Dak.

How do you do, Oscar Will? Here comes my seed order again. I've bought seeds from you 31 years and could not raise a garden without them.

MRS. J. A. LAWRENCE, Hulett, Wyo.

CHANGE OF ADDRESS

We shall appreciate notification by our customers of any change in address, as the edition of our year book is limited, and we want it to reach its proper destination.

Only customers living in North Dakota must add two per cent for sales tax to their remittances for Nursery Stock, Decorative Greenhouse Stock, Insecticides, Tools and Supplies. This tax does not apply to Seeds, Onion Plants or Vegetable Plants.



Will's Improved Blood Turnip Beets.



Detroit Dark Red Beet



Early Wonder Beet

J.B.R.S.C.



Copenhagen Market.

opinion the heaviest yielding and best quality Cabbage that can be grown. A tremendous yielder of smooth, round, even sized heads, valuable for either extra early or main crop use. The plant is short-stemmed and compact, leaves medium light green, thick and smooth, heads averaging about 4 pounds. Our strain is absolutely the best obtainable. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c; $\frac{1}{2}$ lb., \$1.30; 1 lb., \$2.50.

EARLY JERSEY WAKEFIELD. The most widely grown and popular extra early variety. The conical heads are solid and the small outer leaves permit of close planting. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 55c; $\frac{1}{2}$ lb., \$1.05; 1 lb., \$2.00.

HENDERSON'S EARLY SUMMER. Averaging double the size of Jersey Wakefield, this variety is but ten days later. The heads are somewhat flattened, compact and solid. Is one of the best large, second early sorts. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 55c; $\frac{1}{2}$ lb., \$1.05; 1 lb., \$2.00.

GOLDEN ACRE. Earliest of All. Of the Copenhagen Market type but ten days earlier, this is the earliest round-headed Cabbage. The plants are dwarf and compact; the medium sized heads are round as balls, solid, very uniform and sweet. If you want the earliest Cabbage and the top prices that go with it, plant Golden Acre. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 95c; $\frac{1}{2}$ lb., \$1.70; 1 lb., \$3.25.

WILL'S EARLY JUNE. This is the earliest flat-headed Cabbage in cultivation. The head is solid and shapely, and forms early, making fair sized heads in from 60 to 70 days from seed. The plant is vigorous, drought re-

sistant, and not subject to diseases, which makes it especially desirable for all parts of the Northwest. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c; $\frac{1}{2}$ lb., \$1.45; 1 lb., \$2.75.

I certainly liked the Golden Acre Cabbage. They were early and were good keepers too, very solid and nice.
MRS. O. T. ALM,
Conrad, Mont.



Will's Early June.

Kraut
(German)

Hoved Kaal
(Scandinavian)

Cabbage

CULTURE: For very early use sow the seed in hotbed or in boxes in the house. The best and hardiest plants may be produced by sowing seed in cold frames outside after danger of hard freezing is past. Transplant in garden or field when weather will permit, 20 to 30 inches apart for the small, early varieties, and from $2\frac{1}{2}$ to $3\frac{1}{2}$ feet apart for the large, late sorts. Some recommend planting the seeds in the field, 3 or 4 seeds in a hill, and leaving the strongest plant. One ounce of seed will produce about 4000 plants. About 1000 seeds in a packet.

For early use we recommend especially Golden Acre and Copenhagen Market; for late use, Danish Ballhead.

Early Varieties

COPENHAGEN MARKET. This is in our



Golden Acre.

FOR CABBAGE PLANTS,
SEE PAGE 56.

Early Jersey Wakefield.

Early Cabbage—Continued

EARLY WINNIGSTADT. An old favorite; its hardiness permits early planting. It is the hardest heading of any of the early Cabbages and is the surest cropper under adverse conditions. The heads are broad, pointed, and suffer less from the cabbage worm than most other sorts. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 55c; $\frac{1}{2}$ lb., \$1.05; 1 lb., \$2.00.

GLORY OF ENKHUIZEN. Next to the Copenhagen Market, this is perhaps the most universally popular Cabbage with both growers and users. It is later than the former, being intermediate between it and the Premium Flat Dutch. Plant is short-stemmed, heads large, round and very solid, with very few outer leaves. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 55c; $\frac{1}{2}$ lb., \$1.05; 1 lb., \$2.00.



WILL'S SELECTED PREMIUM FLAT DUTCH.

WILL'S SELECTED PREMIUM FLAT DUTCH. The largest of the standard late varieties, low growing and a sure header. The flattened heads are bluish green, compact, of handsome appearance, and fine quality. Deservedly this is the most popular of the late flat-heading sorts. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 55c; $\frac{1}{2}$ lb., \$1.00; 1 lb., \$1.85.

PERFECTION DRUMHEAD SAVOY. The Savoys are of better quality than ordinary Cabbage and should be more generally grown. This is the best Winter keeper of the Savoys with round, compact and solid dark green heads with coarsely crimped leaves. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 90c; 1 lb., \$3.10.



Chihli, Chinese Cabbage.

Chinese Cabbage

CHIHLI—SUREHEAD STRAIN. This is the earliest, the surest header, and withstands heat better than any other strain of Chinese Cabbage. The cylindrical heads are from 20 inches to 2 feet in length, solid and white. Best results are obtained in this section by planting about June 20th. Well grown heads will weigh from 2 $\frac{1}{2}$ to 6 pounds. This vegetable is rapidly increasing in popularity. It is an excellent salad plant, and fine when boiled as you would Cabbage. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 70c; $\frac{1}{2}$ lb., \$1.30; 1 lb., \$2.50, postpaid.



Danish Ballhead.

Late Varieties

DANISH BALLHEAD (Short Stem or Hollander). This variety is one of our specialties. It is one of the hardest and the heads weigh more for their size than any other sort we have ever tried. The round, pale blue-green heads will average from 8 to 10 inches in diameter, crisp, tender and sweet, unexcelled for slaw and sauerkraut. While drought resistant, it will not rot in wet seasons. A great keeper and to our minds the best late Cabbage. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c; $\frac{1}{2}$ lb., \$1.30; 1 lb., \$2.50.

RED DRUMHEAD. The largest and best red Cabbage. A sure header, the heads are round, solid, and deep red in color to the center. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 90c.



Perfection Drumhead Savoy.

Beat the Bugs

Prepare for Cabbage Worms by purchasing Garden Guard with your seed. See Page 75. Dust as soon as you see white moths hovering over Cabbage.

I have used your seeds a long time and always have good luck with them. I have won first prizes at the County, State and World Fair from your seeds.

MRS. A. J. MONTGOMERY,
Carlile, Wyo.



Coreless Carrot

great yielder and a first class carrot for all soils. The roots are smooth, from 6 to 8 inches long, tapering to a blunt point, a deep orange in color, with close texture flesh and little core. Although the roots are comparatively short, they yield as heavily as the large sorts. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 55c; 1 lb., 90c, postpaid. Not prepaid, 5 lbs., \$3.75.

IMPROVED LONG ORANGE.

An old standard sort, unusually desirable for either field or garden use. A medium early variety and a tremendous yielder, the roots penetrate deeply enough so that the plant will get moisture even in very dry weather, an important feature in the Northwest. The roots run about 12 inches long and 3 inches in diameter, flesh bright orange, smooth, sweet and fine-grained. A very good keeper. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 55c; 1 lb., 90c, postpaid. Not prepaid, 5 lbs., \$3.75.

CHANTENAY or MODEL. This is an excellent medium early half-long, stump rooted variety. The roots are smooth and are from 5 to 6 inches long, with rich orange-red flesh of the finest quality. It is a great favorite with the market gardeners. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 55c; 1 lb., 90c, postpaid. Not prepaid, 5 lbs., \$3.75.

MASTODON or GIANT WHITE. The stock carrot is one of our best feed crops. It is a remarkably efficient feed for all domestic animals, but especially good for horses. This is the best of the white varieties and the heaviest cropper. The roots are about 8 inches long and 3 inches through at the shoulder. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 45c; 1 lb., 75c, postpaid. Not prepaid, 5 lbs., \$2.90.

We have used your seeds for many years and never order from anywhere else. Your Chantenay Carrots can't be beat. We have had very good gardens in these dry years. Thanks to Will's Seeds.

MR. & MRS. FRED C. KING,
Peerless, Mont.

Chantenay Carrot

Will's Best Carrots

Gulerod
(Scan.)

CULTURE. Carrots to grow to perfection require a deeply cultivated, rich and well pulverized soil. Sow early in the Spring as soon as the soil is fit to work, in drills 15 to 18 inches apart, cover one inch deep and press the soil firmly over the seed. If desired to cultivate with horse, make rows three feet apart. About 3,000 seeds in a packet.

CORELESS. The most strikingly handsome early carrot we know. The deep orange roots are exceptionally smooth, cylindrical, 6 inches long by $1\frac{1}{2}$ inches in diameter, and free from woody heart or core. This is worth a trial. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 55c; $\frac{1}{2}$ lb., 80c; 1 lb., \$1.40, postpaid.

IMPERATOR or TENDER-SWEET. One of the finest varieties, always sweet, tender and brittle, the roots are from 7 to $8\frac{1}{2}$ inches long, 2 inches in diameter at the shoulder and uniformly tapered to a semi-blunt end. The flesh is rich orange with indistinct core. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; $\frac{1}{2}$ lb., \$1.00; 1 lb., \$1.90, postpaid.

FRENCH FORCING. The earliest variety, used largely for forcing. The

tops are small and the roots almost round and about $2\frac{1}{2}$ inches in diameter, orange-red in color. Pkt., 5c; oz., 14c; $\frac{1}{4}$ lb., 45c; $\frac{1}{2}$ lb., 75c; 1 lb., \$1.35, postpaid.

DANVERS HALF LONG.

The best known second early half long sort, a



Danvers Half Long Carrot

CARROTS

OXHEART or GUERANDE. One of the most valuable and popular varieties. When fully grown the type is about $5\frac{1}{2}$ inches long, $3\frac{1}{2}$ inches thick at the shoulder and about 2 inches thick at the bottom. With bright orange flesh, fine grained and sweet, it is of fine quality for table use and equally good for stock. It is very easily dug or pulled and is probably our heaviest yielding carrot. Pkt., 5c; oz., 12c; $\frac{1}{4}$ lb., 38c; $\frac{1}{2}$ lb., 60c; 1 lb., \$1.15, postpaid. Not prepaid, 5 lbs., \$5.00.



Pride of Denmark Carrots.

PRIDE OF DENMARK. A very productive and high quality carrot. The nearly coreless, deep orange roots are from 8 to 9 inches long, and nearly the same size throughout their entire length. The flesh is tender and of the finest quality. In our nursery plantings this variety has yielded the most even and best flavored carrots we have grown. In raising the seed of this Danish strain, every root is dug, inspected for trueness to type, and either rejected, or transplanted to produce the seed crop. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; $\frac{1}{2}$ lb., \$1.00; 1 lb., \$1.75, postpaid.



Oxheart Carrots.



Danish Perfection.

Blumenkohl
(Ger.)

One of the Most Profitable Crops for Market and Small Gardeners

Culture. Cauliflower culture is practically the same as that of cabbage. One ounce of seed will produce about 4,000 plants. Seed is started in cold frame and plants set in field during May or early in June. In spite of the general belief, cauliflower is nearly as easy to raise as cabbage. Our pedigreed Danish cauliflower seed is the best you can buy anywhere. About 240 seeds to a packet.

HALF OUNCES AT OUNCE RATE

DANISH PERFECTION. This is not quite as early as our extra early strain of Snowball, maturing a week or ten days later. This sort develops heavier foliage than the Snowball, making better protection for the heads. The heads are very firm, solid, and snow white. This is a sure header. Pkt., 10c; oz., \$1.75; $\frac{1}{4}$ lb., \$6.30.

LARGE EARLY ERFURT. One of the leading varieties for market and private use. For reliability of heading, size and solidity of head, it has no superior. The plants are dwarf, and while the outer leaves are erect, the inner ones lap over the heads, fully shading them from the sun and preserving them a beautiful snowy white. Pkt., 10c; oz., \$1.60; $\frac{1}{4}$ lb., \$6.00.

SNOWBALL. The most productive early variety that can be grown and very popular with

those who grow for the market. This is the earliest Cauliflower we list and has given us exceptional results in our own plantings. The uniform, medium sized heads are pure white and of the finest quality. Pkt., 10c; oz., \$1.75; $\frac{1}{4}$ lb., \$6.30.

DRY WEATHER or DANISH GIANT. This variety is two weeks later than our strain of Snowball, of heavier growth, with larger heads. It will stand more hot, dry weather than any other sort of its season. Pkt., 10c; oz., \$2.00; $\frac{1}{4}$ lb., \$7.00.

For Cauliflower Plants, See Page 56.

June 18, 1935.
We think these Carrots—Coreless—the very best eating
carrot and as some of ours washed out in the last rain,
we want to plant again.

Yours truly,

WALTER E. TOEDTER,
Marion, N. Dak.



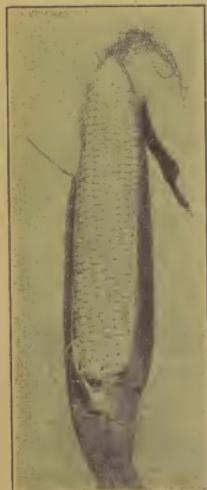
Snowball.

Mais
(Ger.)Our Specialty

Golden Gem

$\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 23c; 1 lb., 35c, postpaid. Not prepaid: 5 lbs., \$1.00; 10 lbs., \$1.85.

GOLDEN GEM SWEET CORN. A very early golden Sweet Corn developed by Professor A. F. Yeager of North Dakota from a cross of Sunshine with Pickaninny. It is two weeks earlier than Golden Bantam, about four days earlier than Banting and a much heavier yielder in our fields. It is the earliest yellow Sweet Corn of Golden Bantam quality, with eight rows that put it in the marketing class with Golden Bantam. This variety should be in every home garden and is a money getter for the market gardener. Pkt., 5c; $\frac{1}{4}$ lb., 12c; $\frac{1}{2}$ lb., 20c; 1 lb., 30c, postpaid. Not prepaid: 5 lbs., 90c; 10 lbs., \$1.65; 50 lbs., \$7.25; 100 lbs., \$14.00.



Sunshine

Sweet Corn

Our SpecialtyMais
(Scan.)

CULTURE. Plant in drills about three feet apart, one kernel every six inches, or in hills $2\frac{1}{2}$ feet apart in the row, and the rows 3 to $3\frac{1}{2}$ feet apart, dropping four or five kernels in a hill. Sweet Corn of any sort should not be planted until the ground has become warm, as cold, wet ground is sure to rot the seed before it can germinate. One-fourth pound to 100 hills; 10 pounds per acre. One pound of Sweet Corn is a little more than a pint.

WILL'S SWEET CORN COLLECTION

This collection is designed to give Corn lovers the longest possible succession of roasting ears by furnishing a planting of each variety from the very earliest sorts to the latest which we can use profitably in our climate.

Two ounces of each of the following varieties:

GOLDEN GEM	IMPROVED EARLY DAKOTA
WILL'S EARLY JUNE	GOLDEN BANTAM
SUNSHINE	BANANA CREAM
	STOWELL'S EVERGREEN

The Price of the Collection,
Postpaid **50c**

Varieties Listed in Order of Earliness

PICKANINNY. Developed by the Canadian Experiment Station, this is the earliest Sweet Corn. The bluish black color is not so desirable for market, but Pickaninny is very sweet, a wonderful home garden sort, and will give you Sweet Corn before any other variety. Pkt., 5c;



Will's Early June

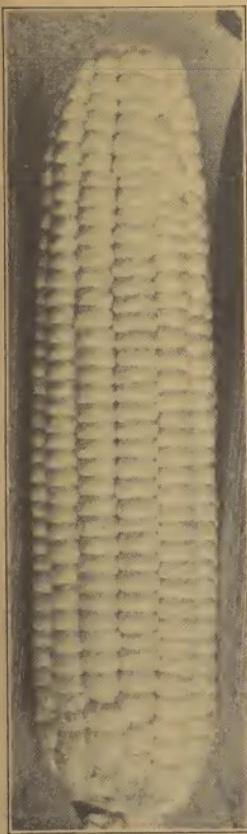
WILL'S EARLY JUNE (Registered U. S. Patent Office). The Earliest White Sweet Corn. A very dwarf and amazingly early variety bred by us for a short season, and a true and delicious Sweet Corn. The white, eight-rowed ears are from $4\frac{1}{2}$ to 6 inches long. Pkt., 5c; $\frac{1}{4}$ lb., 12c; $\frac{1}{2}$ lb., 20c; 1 lb., 30c, postpaid. Not prepaid: 5 lbs., 90c; 10 lbs., \$1.65; 50 lbs., \$7.25; 100 lbs., \$14.00.

SUNSHINE. A golden cross developed by Professor A. F. Yeager of the North Dakota Experiment Station, with twelve-rowed ears, seven to eight inches long. In our plantings, ten days earlier than the earliest strain of Golden Bantam and much larger, this is the closest to the Bantam in quality of any of the golden crosses. A great Corn for the home garden and one the market gardener needs. Pkt., 5c; $\frac{1}{4}$ lb., 11c; $\frac{1}{2}$ lb., 18c; 1 lb., 28c, postpaid. Not prepaid, 5 lbs., 80c; 10 lbs., \$1.45; 50 lbs., \$6.25; 100 lbs., \$12.00.

IMPROVED EARLY DAKOTA. Combining size with earliness, it is the largest of the extra early sorts and one of the best. Its outstanding quality is its uniformity in maturing. The white ears are 12 to 16 rowed, 7 to 8 inches long, borne mostly two to a stalk. Pkt., 5c; $\frac{1}{4}$ lb., 12c; $\frac{1}{2}$ lb., 20c; 1 lb., 31c, postpaid. Not prepaid: 5 lbs., 95c; 10 lbs., \$1.75; 50 lbs., \$7.75; 100 lbs., \$15.00.

I have used Will's seeds for a number of years, and I find they are the best seeds obtainable. I feel sure when I plant Will's seeds that I will have an abundant garden. The Sunshine Sweet Corn that I have raised the past four years has been praised by many. MRS. EARLIE L. KIMER, Hamilton, N. D.

SWEET CORN



GREAT PLAINS GOLDEN BANTAM. (A recombination of a number of smut-resistant selfed strains.) (See back cover for illustration.) Our stock seed was obtained from the Bureau of Plant Industry, Northern Great Plains Field Station, Mandan, N. Dak. This corn has been developed for vigor, smut resistance, short shanks, and the characteristic of two ears to a stalk. It is far ahead of any other Golden Bantam we have ever seen. Pkt., 10c; $\frac{1}{4}$ lb., 18c; $\frac{1}{2}$ lb., 30c; 1 lb., 50c, postpaid. Not prepaid, 5 lbs., \$1.80; 10 lbs., \$3.50; 100 lbs., \$30.00.

GOLDEN BANTAM. The finest Sweet Corn in cultivation and most popular. It is the sweetest and tenderest, a heavy producer, and the ears remain edible for a long time. Pkt., 5c; $\frac{1}{4}$ lb., 10c; $\frac{1}{2}$ lb., 18c; 1 lb., 25c, postpaid. Not prepaid, 5 lbs., 70c; 10 lbs., \$1.25; 50 lbs., \$5.25; 100 lbs., \$10.00.

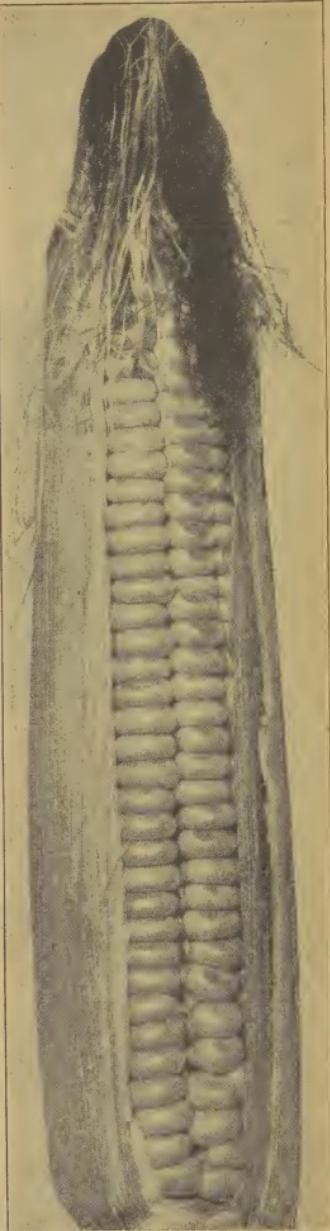
GOLDEN CROSS BANTAM. A cross between two pure inbred strains—both developed at Purdue in conjunction with the U. S. Department of Agriculture. Somewhat later than our own strain of Golden Bantam but with true Bantam quality and a heavy yielder of very uniform ears usually with 16 rows of kernels. This is resistant to Stewart's disease. Seed saved from your 1936 crop will not do as well in 1937. For best results the cross must be made each year. Pkt., 10c; $\frac{1}{4}$ lb., 22c; $\frac{1}{2}$ lb., 40c; 1 lb., 70c, postpaid. Not prepaid, 5 lbs., \$2.00.

WILL'S BANANA CREAM. This medium late variety follows Golden Bantam and was first introduced by us in 1897. It is an unusually delicious table Corn with large well filled ears, which remain fit for table use longer than those of any other variety we have ever tasted. Pkt., 5c; $\frac{1}{4}$ lb., 12c; $\frac{1}{2}$ lb., 20c; 1 lb., 31c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.75; 50 lbs., \$7.75; 100 lbs., \$15.00.

STOWELL'S EVERGREEN. This old reliable, late, tall growing sort is perhaps the great standard main crop. The ears are large, usually 16-rowed, with very sweet, deep white kernels. Besides its table uses the rank fodder that characterizes this variety makes it extremely valuable for the dairy herd. Pkt., 5c; $\frac{1}{4}$ lb., 12c; $\frac{1}{2}$ lb., 19c; 1 lb., 29c, postpaid. Not prepaid, 5 lbs., 85c; 10 lbs., \$1.55; 50 lbs., \$6.75; 100 lbs., \$13.00.

Have used your seeds for 27 years and think they are the best ever.

MRS. C. C.
TALBOT,
Jamestown, N. Dak.



Golden Bantam

Will's Banana Cream



Stowell's Evergreen

I wish to say that your seeds are most dependable. I am sending for some again this year. I always have good luck with them, especially the Will's Banana Cream Corn, and Will's Sugar Watermelon.

MRS. CHAS. PICH,
Lankin, N. Dak., R. No. 1, Box 52.

Gurken
(Ger.)

Will's Cucumbers

Agürk
(Scan.)

CULTURE. As soon as the weather becomes warm and settled in the Spring, plant in well-prepared soil in hills four or five feet apart each way with eight or ten seeds in a hill; cover one-half inch deep with soil well firmed to prevent too rapid evaporation. When plants are well developed weed out all but four or five of the strongest. Thorough but shallow cultivation is essential. One ounce of seed will plant about eighty hills.

EXTRA EARLY SIBERIAN. Two weeks earlier than any other cucumber we have ever tried, our original seed was obtained from Dr. Buza of Poland. Besides earliness, this sort is outstanding for hardiness, is very prolific, and remains fit for eating longer than most sorts. The fruits run about $5\frac{1}{2}$ inches long and $2\frac{1}{2}$ inches through. Pkt., 10c; oz., 30c, postpaid.

EARLIEST OF ALL. This is the earliest standard Cucumber of quality in cultivation. It is of fair size and is of special value to those who desire to be first on the market. It is also a very fine home garden sort. Pkt., 5c; oz., 12c; $\frac{1}{4}$ lb., 33c; $\frac{1}{2}$ lb., 55c; 1 lb., \$1.00, postpaid.



Earliest of All.



Improved Long Green Cucumber.

IMPROVED LONG GREEN. This old favorite variety is unequalled among the later sorts. The rich dark green fruits average 12 inches long with crisp white flesh. The standard of table quality and unexcelled for pickles when small. Our stock is superior. Pkt., 5c; oz., 13c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 60c; 1 lb., \$1.10, postpaid.

WEST INDIA GHERKIN. An old and very popular pickling variety. Remarkable for its small, short fruits which are produced in wonderful abundance. Pkt., 5c; oz., 16c; $\frac{1}{4}$ lb., 48c; $\frac{1}{2}$ lb., 85c; 1 lb., \$1.60, postpaid.

WHITE WONDER. A splendid white variety. One of the handsomest cucumbers. The cucumbers are ivory white in color, of good keeping quality and average about eight inches in length and two and one-half inches through. Pkt., 5c; oz., 18c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 60c; 1 lb., \$1.10, postpaid.

ARLINGTON WHITE SPINE. One of the earliest and most productive of the famous White Spine group. Fruit about 7 inches long, rounded at both ends, and of bright, deep green color. Very popular as a market variety on account of its good keeping qualities and its uniformity of size and shape. Pkt., 5c; oz., 12c; $\frac{1}{4}$ lb., 32c; $\frac{1}{2}$ lb., 53c; 1 lb., 95c, postpaid.



Arlington White Spine Cucumber.

DAVIS PERFECT. A grand variety. Dark, glossy green, slim and symmetrical, with an average length of 10 to 12 inches. They hold color till nearly ripe, when they turn white without a yellow streak on them. Quality fine, as seeds are very soft when fit for table use. Very tender, brittle and of exceptional flavor. Pkt., 5c; oz., 12c; $\frac{1}{4}$ lb., 33c; $\frac{1}{2}$ lb., 55c; 1 lb., \$1.00, postpaid.

EAST CLUSTER. A pickling type often setting fruit in clusters of 2 or 3. Pkt., 5c; oz., 12c; $\frac{1}{4}$ lb., 33c; $\frac{1}{2}$ lb., 55c; 1 lb., \$1.00.

LONGFELLOW or CHINA LONG. This new variety from China is of finer quality than any other Cucumber we have ever tried. The early ripening fruits commonly reach 20 inches in length and average but 2 inches in diameter. The skin is dark rich green and smooth. The flesh is firm, white, crisp, and unexcelled for slicing. About 90 seeds to the packet. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.35, postpaid.



20½ INCHES OF LONGFELLOW CUCUMBER.

TO THE GROWER of the longest cucumber of our Longfellow variety during the Summer of 1936 we will pay ten dollars; to the grower of the second longest, \$5.00; for third place, \$3.00; and to fourth, fifth, and sixth place, one dollar in trade. Cucumbers may be sent to our store or we will accept

affidavits. Measurement is to be along axis of cucumber. The contest closes October 1, 1936, and but one prize will be awarded to an individual. The winner of the 1935 contest is Frank Cosco, Sheridan, Wyo., with a cucumber 39 $\frac{1}{2}$ inches long.

Will's Cucumbers

EARLY FORTUNE. Each year serves to demonstrate further the superiority of this superb variety. Extra early, of perfect quality for eating and shipping, uniform and well shaped for small pickles, with strong, healthy foliage and a vigorous growth which proves its strong resistance to all diseases. Does not wilt quickly, nor ripen up too fast, and is a tremendous yielder. In trials with all other American varieties it has stood out as supreme. Pkt., 5c; oz., 12c; $\frac{1}{4}$ lb., 33c; $\frac{1}{2}$ lb., 55c; 1 lb., \$1.00, postpaid.

CHICAGO PICKLING. The old reliable variety for making small pickles; very profitable variety for those who sell to canners as it is used almost exclusively by the largest factories. Pkt., 5c; oz., 12c; $\frac{1}{4}$ lb., 32c; $\frac{1}{2}$ lb., 53c; 1 lb., 95c, postpaid.

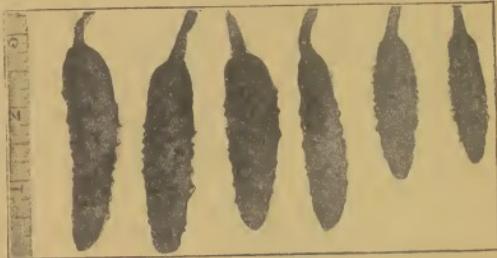


Early Fortune.

JAPANESE CLIMBING. A producer of long, well shaped fruits; especially adapted to growing on a trellis because of its strong vines and tendrils. This method insures better shaped fruits, reduces disease, and is particularly necessary in moist climates where well shaped fruits cannot otherwise be grown. Pkt., 5c; oz., 14c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 70c; 1 lb., \$1.30, postpaid.



Chicago Pickling Cucumbers.



Early Fortune (Pickling Size).

Pop Corn

About 200 seeds
to the packet.

PINKY. This new pink sort is the work of Prof. A. F. Yeager. It pops white and is one of the best, if not the best popper we have ever seen. We regard this as a very worth while introduction. Pkt., 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.25; 10 lbs., \$2.40.



Pinky Pop Corn.

JAPANESE HULLESS. Of wonderful popping quality, this variety sells at a premium over other sorts and is the only kind to plant if you raise pop corn to sell. The ordinary strains are too late for this section, but our own early strain has ripened here for the past ten years. Pkt., 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 22c; 1 lb., 32c, postpaid. Not prepaid, 5 lbs., \$1.00; 10 lbs., \$1.90; 50 lbs., \$8.00.

GOLDEN TOM THUMB. This is the very earliest variety of pop corn grown, and so is exceptionally valuable in the Northwest. Not a heavy yielder and the ears are small, but quality is excellent and it never fails. Pkt., 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 22c; 1 lb., 32c, postpaid. Not prepaid, 5 lbs., \$1.00; 10 lbs., \$1.90.

IRIQUOIS. This variety is of the White Rice type, obtained from the Iroquois Indians of New York some years ago. It is a very good yielder, and so much earlier than the ordinary White Rice that we have quit growing the White Rice. Pkt., 5c; $\frac{1}{4}$ lb., 11c; $\frac{1}{2}$ lb., 18c; 1 lb., 28c, postpaid. Not prepaid, 5 lbs., 80c; 10 lbs., \$1.50.

DYNAMITE or SOUTH AMERICAN. The yellow kernels pop to enormous size and when popped are a rich creamy shade. It is fast becoming a favorite with the pop corn merchants. It is a heavy yielder, and though later than the other varieties we list, it is worthy of trial. We offer seed of our own growing. Pkt., 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.25; 10 lbs., \$2.40.

BLACK BEAUTY. One of the earliest varieties, it is generally conceded that this sort makes more tender and better quality pop corn than other kinds. The ears are about six inches long, black or nearly so. They pop pure white. This is not generally regarded as a commercial variety but is one of the best for the home garden. Pkt., 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 22c; 1 lb., 32c, postpaid. Not prepaid, 5 lbs., \$1.00; 10 lbs., \$1.90.



Japanese Hulless.

POP CORN FOR POPPING

Not prepaid, 1 lb., 15c; 5 lbs., 75c; 10 lbs., \$1.30; 100 lbs., \$12.00.



Pioneer Brand Lettuce

Culture. For very early use the seed may be sown in hotbed, and as soon as the warm weather permits, may be sown in the open ground, in rows 18 inches apart and not over one-half inch deep. If planted too deep the seed will not germinate. Sow every two or three weeks for a succession.

One ounce for 200 feet of drill. About 2,000 seeds to the packet.

Kopfsalat
(German)

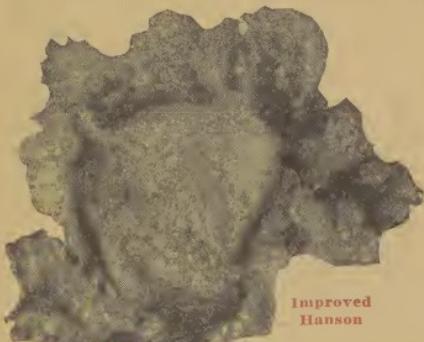
HEADING VARIETIES

Salat
(Scandinavian)

MIGNONETTE. The earliest heading sort we have ever tried, fit for use 6 days before May King. The heads are small and the outer leaves are medium dark brown with a dark greenish tinge. Probably the most delicate in flavor and tender in texture of the crisp varieties, this is slow to shoot to seed for so early a sort. Very reliable for Spring and Fall sowing and one of the most compact and hardest heading of all lettuces. Not a market gardener's variety, but its earliness and quality make it one of the very best sorts for the home garden. **Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; $\frac{1}{2}$ lb., \$1.00; 1 lb., \$1.85, postpaid.**



Black Seeded Tennisball



Improved
Hanson

IMPROVED HANSON. One of the most reliable, sure heading sorts—the earliest of the Crisp Head Lettuces. The heads are large; the leaves clear green, blistened and crumpled with frilled borders. For planting outdoors this is one of the very best sorts, as it withstands heat and drought and is a slow seeder. We recommend this variety. **Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 70c; 1 lb., \$1.25, postpaid.**

CRISP-AS-ICE—HARTFORD BRONZE HEAD. One of the best varieties for the home garden, an excellent buttery sureheader of delicate flavor and tender quality. The compact heads are of medium size, dark green overlaid with bronze color. In our trials in 1934 this sort seemed to withstand the drought better than any other. Slow to go to seed. **Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 75c; 1 lb., \$1.35, postpaid.**

EARLY BLACK SEEDED TENNIS-BALL—SALAMANDER. One of the most reliable, sure heading sorts. The heads are large, solid and of fine quality. The outside leaves are a clear dull green, broad and crumpled. This is one of the surest heading sorts for the Northwest. **Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; $\frac{1}{2}$ lb., 70c; 1 lb., \$1.20, postpaid.**

ICEBERG. A large, crisp, cabbage-heading variety of good quality. The heads are firm and well blanched. The outer leaves are crumpled and blistered, in color a medium green with a faint brown tinge on the border. **Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; $\frac{1}{2}$ lb., 80c; 1 lb., \$1.45, postpaid.**

We ordered our seed from you last year and had the best garden in the country in spite of the drought. We had head lettuce from Spring till August from 1 pkt. of Imp. Hanson Seed. It was fine.

Yours truly,
W. E. ZEMAN, Michigan, N. D.



May King

MAY KING. An extremely early, compact heading variety. The leaves are a light yellowish green, just tinged with brown. Inner leaves blanch a golden yellow. The quality is fine and it is perhaps the best head lettuce for this section. **Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 70c; 1 lb., \$1.25, postpaid.**

BIG BOSTON. Early, large, bright green heads, lightly tinged with brown on the outer leaves, hardy and vigorous. One of the most popular and widely grown varieties. The plants are large, hardy and vigorous. The outer leaves are broad, relatively smooth, and crisp; in color a light green tinged with brown. The heart blanches a greenish white tinged with yellow. **Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 70c; 1 lb., \$1.20, postpaid.**

PARIS WHITE COS. This is a distinct type of lettuce with a conical, rather tight head, dark green in color with smooth, thick leaves. Blanches to a beautiful white inside when it becomes exceedingly crisp and sweet. **Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 70c; 1 lb., \$1.25, postpaid.**



Crisp-As-Ice



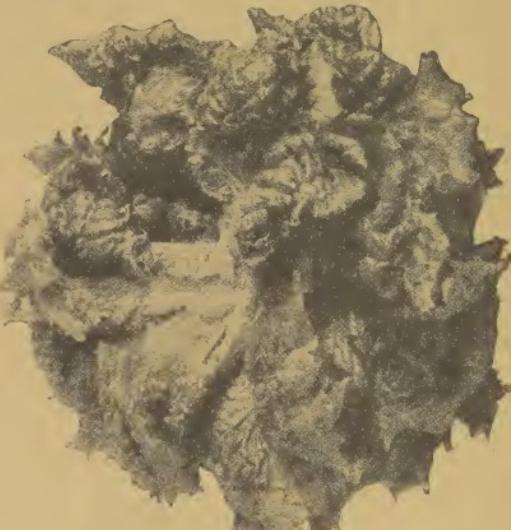
New York Lettuce.

CURLED or LOOSE HEAD VARIETIES

EARLY CURLLED SIMPSON—WHITE SEED-
ED. An old favorite and probably our best loose heading lettuce for outdoor planting. The plants are medium large, quick growing and hardy, very early and not running to seed as quickly as many of the early sorts. The leaves are light green, much crumpled, very crisp and tender. Pkt., 5c; oz., 12c; $\frac{1}{4}$ lb., 33c; $\frac{1}{2}$ lb., 55c; 1 lb., \$1.00, postpaid.

More Head Lettuce

NEW YORK or WONDERFUL. The outstanding shipping variety, known in all markets. A large, curled, heading Lettuce with rich dark green outer leaves. Our strain is what is known as New York No. 12. This stands heat better and is slightly earlier than the standard New York. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 55c; $\frac{1}{2}$ lb., 95c; 1 lb., \$1.75, postpaid.



Prizehead

Early Curled Simpson

GRAND RAPIDS FORCING. The favorite loose leaved forcing lettuce, and fine for early planting outside in this section. The leaves are light green, blistered and crumpled, with heavily fringed borders. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 70c; 1 lb., \$1.25, postpaid.

BLACK SEEDED SIMPSON. One of the most popular leaf lettuces; it is an early, quick growing, large crisp sort, light yellowish green in color, and of fine quality. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 70c; 1 lb., \$1.25, postpaid.

PRIZEHEAD. This old favorite is undoubtedly the most easily grown variety in cultivation and excellent for the home garden. It is early compact in growth, and stands heat. Leaves are much crumpled and frilled, bright green, tinged with brownish red, crisp and tender. Pkt., 5c; oz., 12c; $\frac{1}{4}$ lb., 33c; $\frac{1}{2}$ lb., 55c; 1 lb., \$1.00, postpaid.

I am 71 years old. You won't get many more orders from me. Have used your seed since 1884, more or less, and never failed to have as good a garden as any of my neighbors.

D. F. ROBERTS, R. No. 1, Box 39, Cathlamet, Wn.

HERBS: **ANISE.** Used in garnishing and flavoring. Seeds are aromatic. Pkt., 5c; oz., 15c.

CARAWAY. Grown for seeds which are used in flavoring. Pkt., 5c; oz., 15c.

CATNIP. Leaves used for seasoning. Plant this and make your cat happy. Pkt., 10c. **DILL.** The stalks and seeds are used for pickling cucumbers. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; 1 lb., \$1.00.

HOREHOUND. Used for seasoning and as a cough remedy. Pkt., 5c.

LAVENDER. Its flowers are used in perfumery. Pkt., 10c.

MUSTARD (Large White Seeded). Seed used in flavoring pickles. Pkt., 5c; oz., 10c.

ROSEMARY. Aromatic leaves used for seasoning. Pkt., 10c.

SAGE. The most extensively used herb for seasoning and stuffing. Pkt., 10c; oz., 40c.

SUMMER SAVORY. Leaves and flowers flavor soups and dressings. Pkt., 5c; oz., 20c.

SWEET MARJORAM. Leaves and ends of shoots used for seasoning, both green and dried. Pkt., 5c; oz., 20c.

THYME. A tea made of leaves is a remedy for headache. Pkt., 10c.

WORMWOOD. Beneficial for poultry; should be planted in poultry yards. Pkt., 10c.



Dill

Pfeffer (German)

Culture. Sow the seed (which is slow to germinate) in hotbed or boxes in the house. When large enough transplant into other boxes and pots, and when all danger of frost is past, transplant in the open ground in rows $2\frac{1}{2}$ feet apart, setting the plants about 18 inches apart in the row. About 200 seeds to the packet.



Hungarian Thick Meat Pepper

TOMATO-SQUASH or SUNNYBROOK. The fruits are Tomato shaped, about 2 inches in diameter, with very thick and extremely mild flesh. The deep green fruits ripen to a bright red. This variety is medium early and excellent for stuffing and salads. Can be used in every way as a Pimiento Pepper. Pkt., 10c; oz., 50c.

RUBY KING. One of the most dependable and satisfactory varieties for both home and market gardens. Pkt., 10c; oz., 30c.

RED CAYENNE. Long, red, strong and pungent. Pkt., 10c; oz., 35c.

Culture. Sow the seed (which is slow to germinate) in shallow boxes in the house early in the spring. One-eighth inch of soil to cover is sufficient. Transplant to open ground in June or July. Set plants in rows 3 feet apart and 5 inches apart in the rows, in ground thoroughly enriched and cultivated. Until middle of August plants need nothing but water and cultivation. Celery should receive enough water at all times to prevent its growth being checked. Earthing up may then begin and continue as long as the plants grow. At approach of severe freezing weather plants should be dug and may be stored in a dark, cool cellar, standing upright with the roots in a little moist sand. About 7,000 seeds to the packet.



Celeriac or Turnip-Rooted Celery.

Peppers

Spansk Peber (Scandinavian)

HARRIS' EARLY GIANT. This is the earliest large sweet pepper and will produce good crops in the northern part of this country. The plants are vigorous and the fruits average 5 inches long by $3\frac{1}{2}$ inches through, dark green turning to brilliant red. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 40c.

HUNGARIAN THICK MEAT. This large, mild but tangy Sweet Pepper has the thickest meat of any pepper we have seen. The fruits are 5 $\frac{1}{2}$ inches long by $3\frac{1}{2}$ inches through, light waxy yellow when young and turning to a bright red when ripe. This new sort is very early and prolific. Pkt., 20c; $\frac{1}{2}$ oz., 50c; oz., 90c.

HARRIS' EARLIEST. The Earliest Pepper. Earlier and more productive than Neapolitan; the plants are dwarf and compact with fruits averaging $3\frac{1}{2}$ inches long by $2\frac{1}{2}$ inches through. The flesh is thick and mild. The only sure variety in unfavorable seasons. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c.



Harris' Earliest

For Hardy Pepper Plants, See Page 56



Golden Self-Blanching Celery.

Sellerie
(German)

Celery

Selleri
(Scandinavian)

GOLDEN PLUME or WONDERFUL. This selection from Golden Self-Blanching has the crispness and nuttiness of that variety, but is earlier, larger and of ranker growth, and blanches more quickly. It is apparently most resistant to rust and disease and withstands heat better. Not a Winter keeper. It is a beautiful gold in color, brittle and of highest table quality. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.25, postpaid.

GOLDEN SELF-BLANCHING. Ours is a superior, dependable strain of this standard celery for early use. It is not quite as early as White Plume, but the plants are heavier and of more compact growth. Self-blanching, the color is a rich golden yellow; nearly stringless; the stalks are thick, crisp and brittle; while for flavor this sort is unsurpassed. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.05; $\frac{1}{2}$ lb., \$2.00; 1 lb., \$3.75, postpaid.

WHITE PLUME. One of the earliest varieties and most easily blanched. A rapid grower, it is not a very good keeper, but one of the best sorts for fall and early winter. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c, postpaid.

WINTER QUEEN. A very solid and crisp variety with double the amount of heart of any known celery. One of the very best keeping varieties. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c; $\frac{1}{2}$ lb., \$1.35; 1 lb., \$2.50, postpaid.

GIANT PASCAL. A compact, vigorous sort, a good keeper and one of the best varieties for Fall and Winter. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c; $\frac{1}{2}$ lb., \$1.35; 1 lb., \$2.50, postpaid.

CELERIAC OR TURNIP-ROOTED CELERY—GIANT PRAGUE. This is a celery of which only the root is used. Should be planted like other celery, but need not be banked. An excellent vegetable for use in soups, stews and sauces, as it imparts a delicious flavor. Is good boiled separately. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 70c, postpaid.

For Celery Plants, See Page 56.

Pastinake
(German)**PARSNIPS**Pastinak
(Scandinavian)

Culture. Sow as early in the Spring as possible, in rows 18 inches apart and about 1 inch deep. The ground should be deeply plowed and well cultivated. Thin to two inches as soon as the plants are large enough to handle. A freeze improves the quality. About 1200 seeds to the packet. One ounce for 200 feet of drill; 4 to 5 pounds per acre.

Hollow Crown Parsnips

LONG SMOOTH or HOLLOW CROWN. A great cropper, tender, sugary and considered one of the best for general cultivation. Roots average 15 inches long by 3 inches in diameter. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 24c; $\frac{1}{2}$ lb., 40c; lb., 70c, postpaid.

IMPROVED GUERNSEY. This is the thicker, heavier type of Parsnip. Fine grained and sweet flesh. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 24c; $\frac{1}{2}$ lb., 40c; lb., 70c, postpaid.

I had good luck with your Harris' Earliest Peppers last season. Your Zinnias too were fine.
F. W. MOULD, Morrisville, Vt.

Melonen-Kürbiss
(German)**PUMPKINS For the Northwest**Graeskar
(Scandinavian)

CULTURE. Plant in hills 6 to 8 feet apart, with 5 to 6 seeds in the hill, when the ground has become warm and the weather favorable, giving same cultivation as to melons. About 40 seeds to the packet. One ounce to 30 hills; 3 to 4 pounds per acre.

CONNECTICUT FIELD or BIG TOM. A solid, oblong, orange Pumpkin more planted with corn than any other variety and a heavy yielder. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 22c; $\frac{1}{2}$ lb., 35c; lb., 60c, postpaid.

FORT BERTHOLD. Selection for some years from the squash seed obtained from the Mandan and Arikara Indians has resulted in this wonderfully early Pumpkin of unusual hardiness. The fruits are small, round, flattened on the ends, and of first quality. They are either orange or cream in color with orange predominating. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c, postpaid.

SWEET SUGAR or NEW ENGLAND PIE. This is the earliest and surest of the common sorts, and by far the sweetest. Especially valuable for the making of pies. A small, round Pumpkin, dark orange in color, with thick, dry, fine grained flesh. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 24c; $\frac{1}{2}$ lb., 40c; lb., 70c, postpaid.

KING OF MAMMOTHS. The giant among Pumpkins, weighing as high as 150 lbs. A bright golden yellow, fine grained and excellent for cooking. Pkt., 8c; oz., 20c; $\frac{1}{4}$ lb., 45c; $\frac{1}{2}$ lb., 80c; lb., \$1.50, postpaid.

OMAHA. A very early, oblong, orange sort, but little later than the Fort Berthold and much thicker meated. This is a selection over a period of years from seed obtained through Dr. Melvin Gilmore from the Omaha Indians. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c, postpaid.



Sweet Sugar Pumpkin



Fort Berthold

I am ordering more seeds this year. I use no seeds but yours and I have a garden when all others fail. Last year I had a very good garden and my neighbors had none. Of course, I watered some, but so did the neighbors. So I know Will's seeds do pay.

MRS. ARTHUR POITRAS, R No. 2, Rolla, N. D.

Melone
(Ger.)



Early Ty.

EARLY TYE. A very early melon of superior quality. But a few days later than Page's Early and of far better quality. The oval melons are of medium size, ribbed and somewhat netted. The flesh is orange, thick, and of good quality. A good hardy and prolific home garden melon for the Northwest. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 55c; $\frac{1}{2}$ lb., 95c; lb., \$1.80, postpaid.

HALE'S BEST. The earliest of the Rockyford type, and probably the most widely grown variety. The melons are oval, about 6 inches long by $4\frac{1}{2}$ in. diameter with heavy netting. The flesh is exceptionally thick and deep salmon in color. Pkt., 5c; oz., 14c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 70c; 1 lb., \$1.25, postpaid.

PAGE'S EARLY. The earliest of all Muskmelons. It is not equal in quality to the other varieties that we list, although by careful selection during the past eight years the quality and flavor are much improved. If you haven't been able to raise Muskmelons before, try this one. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 55c; $\frac{1}{2}$ lb., 95c; lb., \$1.80, postpaid.

VINE PEACH (Vegetable Orange or Mango Melon). This prolific fruit is the size of a medium orange, and is used for sweet pickles, preserves and pies. When cooked it is used in every way as a peach. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 50c, postpaid.

Had the most wonderful cantaloupe from your seed in 1932 and '33, but lost out last year so will have to start over. All your seeds are as good or better than represented.

MRS. P. J. MCKONE,
Ex. 864, Minot, N. Dak.

Will's Muskmelons

Melon
(Scan.)

Culture. When the ground has become warm, plant in hills, four or five feet apart each way, 6 to 12 seeds in a hill. When danger of insects is past, pull out all but three or four of the largest plants. Cultivate thoroughly the whole season, but not to exceed two inches deep, keeping the surface as smooth as possible. **Only our early, hardy Melons are worth planting in the Northwest.** One ounce of seed to fifty hills; 2 to 3 pounds per acre. About 125 seeds to the packet.

CHIPMAN'S STRAIN LAKE CHAMPLAIN. Developed by George F. Chipman, editor of the "Country Guide" of Winnipeg, Man., Canada. Slightly smaller than the originator's strain of Champlain, this is ten days earlier. Checked in the North Dakota Experiment Station's trials in 1932 as the earliest melon of good quality. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 70c; $\frac{1}{2}$ lb., \$1.30; lb., \$2.50, postpaid.

EXTRA EARLY OSAGE. One of the earliest salmon-fleshed varieties of quality and one of the very best sorts grown. The oval fruit is dark green, slightly ribbed and gray netted, and is from a week to ten days earlier than the old Osage. The flesh is a rich orange-salmon, very thick with small seed cavity. A grand sort for northwestern conditions; ideal for the home garden and a money maker for the market gardener. Pkt., 5c; oz., 14c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 70c; lb., \$1.25, postpaid.



Extra Early Osage.

SUGAR ROCK or HONEY ROCK. This variety is one of the most delicious melons. It is early and very productive of medium-sized, round, heavily netted Melons with deep, very sweet,

orange flesh. The quality is superb. The most profitable market variety. Don't pass up this one. Pkt., 5c; oz., 14c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 70c; lb., \$1.25, postpaid.



Sugar Rock or Honey Rock

Will's Muskmelons

EXTRA EARLY KNIGHT (Sweet Air). One of the earliest Muskmelons of quality we have had on trial. It is medium in size, oblong in shape, distinctly ribbed and well netted. The flesh is fairly thick and very sweet, a medium green in color blending to a light pink near the center. We consider this one of the very best varieties for the Northwest and our strain is superior. Pkt., 5c; oz., 13c; $\frac{1}{4}$ lb., 38c; $\frac{1}{2}$ lb., 65c; lb., \$1.15, postpaid.



Extra Early Knight

EMERALD GEM. An extremely early sort. The fruit is a rich emerald-green. It is globular in shape and irregularly ribbed. The flesh is very thick, salmon colored, sweet and luscious. The vines are hardy and very prolific. One of the best Melons for home garden and local market. Pkt., 5c; oz., 12c; $\frac{1}{4}$ lb., 33c; $\frac{1}{2}$ lb., 55c; lb., \$1.00, postpaid.



Lake Champlain

Petersilie
(Ger.)

CULTURE. Soak the seed a few hours in lukewarm water and sow early in Spring in drills one foot apart. Thin out the plants to about four inches. Cover the seed not more than one-half inch. Very slow to germinate, usually three weeks. About 2,000 seeds to the packet.

CHAMPION MOSS CURLED. Leaves beautifully curled, moss-like, of the richest green. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 70c, postpaid.

TURNIP ROOTED. The roots, instead of the tops, are used for soups and flavoring meats; gives richer flavor. If cut into small pieces, is delicious. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c, postpaid.

NEW XXX PARSLEY. The wonderful dark green color and the exquisite fernlike appearance are remarkable. The habit of the plant is dwarf and compact. Flavor is very best. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 28c, postpaid.

Parsley

Persille
(Scan.)



Rhubarber
(Scan.)

MONARCH. Ours is a good strain of long service and a standard sort. The leaf stalks are numerous, from 15 to 30 in. long and full 2 in. wide. They are tender, fine of flavor and excellent for preserving. About 250 seeds to packet. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.00.

Rhubarb Roots

STANDARD. First quality, 2 year roots which will produce a crop of edible stalks the first year if planted in good season and given a minimum of care. Postpaid, \$1.10 per doz. F. O. B. Bismarck, doz., 90c.

MCDONALD. This is another new Canadian sort. A larger, heavier sort than Ruby. Produces no seed and bears for a long season. The skin is dark red and the sauce is of a rich pink color. Stands frost and retains its quality to a remarkable degree. Our supply is limited. Postpaid each, 45c; doz., \$4.50. F. O. B. Bismarck, doz., \$4.00.

RUBY. The new early and delicious red fleshed variety from Canada. Produces ruby red sauce of low acidity so that little sugar is needed. Thin skin which need not be peeled, a heavy and long producer. Does not come true from seed so must be produced by division. Postpaid each, 50c; doz., \$5.00. F. O. B. Bismarck, doz., \$4.50.

Rhubarb

Wasser-Melone
(Ger.)

Will's Selected Watermelons

Vandmelon
(Scan.)

CULTURE—When the ground has become warm, plant in hills four or five feet apart each way, 6 to 12 seeds in a hill; when danger of insects is past, pull out all but three or four of the largest plants. Cultivate thoroughly, about two inches deep, until the vines cover the ground. One ounce of seed for 30 hills; 3 or 5 pounds per acre. About 100 seeds to the packet.



Dakota Sweet

COLE'S EARLY. One of the earliest and best. It is very hardy, vigorous and a sure cropper. The nearly round Melons are of medium size, green with lighter stripes. The delicious quality of the bright red flesh is sustained clear to the thin rind. This is one of the best varieties for the north. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 45c; lb., 80c, postpaid.

PEERLESS or ICE CREAM. Very early, a short oblong in shape. This is one of the best varieties for the North. The rind is thin, light green, mottled and veined with a darker shade. The flesh is bright scarlet and as sweet as honey. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 45c; lb., 80c, postpaid.



Cole's Early



Kleckley Sweets

KLECKLEY SWEETS—MONTE CRISTO. This Melon is fairly large, oblong and tapering toward the stem end. The rind is a very dark green. The flesh is scarlet and ripens nearly to the rind. This is one of the best and sweetest Watermelons in cultivation. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 45c; lb., 80c, postpaid.

WINTER QUEEN. With white rind, clear bright red flesh, and black seeds. Good at maturity with ordinary Melons. If stored in a cool, dry place will keep until Christmas. Pkt., 5c; oz., 12c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 65c; lb., \$1.10, postpaid.

CITRON. (Red Seeded.) A round, handsome fruit of small size, with white, solid flesh; it is used in making sweetmeats and preserves. Ours is the old standard strain. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 27c; $\frac{1}{2}$ lb., 48c; lb., 85c, postpaid.

COLORADO PRESERVING MELON. (Green-Seeded.) This is quite distinct from the old-fashioned citron, as it is larger and more productive. The flesh is firm and solid, with but few seeds and makes preserves of finest flavor. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 27c; $\frac{1}{2}$ lb., 48c; lb., 85c, postpaid.

FAVORITE HONEY. (See back cover for colored illustration.) An orange fleshed melon from Japan and a standout in the trials of Professor A. F. Yeager of the North Dakota Agricultural Experiment Station. This rather small, oval melon is very early, productive and the sweetest sort we have ever tasted. Pkt., 20c.

DAKOTA SWEET. Formerly known as Winter Sweet. We have changed the name as we have come to regard it as not a true Winter Watermelon. If there is any better melon than this for the Northwest, we haven't seen it. Of Russian origin, its outstanding qualities caught the eye of Professor A. F. Yeager in his trial grounds. The very early, heavy cropping melons are round and considerably larger than Will's Sugar, averaging ten to fourteen pounds. The skin is green striped with darker green and the flesh is bright red, luscious and very sweet. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; $\frac{1}{2}$ lb., 85c; lb., \$1.60, postpaid.

KLONDIKE. An early sort, very popular in the west. The skin is dark green with shallow ribs, and the bright deep red flesh is of finest quality. The melons weigh from 20 to 25 lbs. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 65c; 1 lb., \$1.10, postpaid.

ARIKARA. The Earliest Watermelon. This variety is a prolific and sure producer of small Melons, running from 6 to 12 inches in diameter. The skin is almost black. The pink flesh is sweet and pleasant though somewhat coarse. Not as good quality as Will's Sugar, but the earliest and hardest Watermelon that grows. If you have trouble raising ripe Watermelons, try this one. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; $\frac{1}{2}$ lb., 85c; 1 lb., \$1.60, postpaid.

WILL'S GOLDEN ANNIVERSARY. A cross between Arikara and Kleckley Sweet, combining the earliness and hardness of one parent with the size and quality of the other. The melon is oval to oblong. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; $\frac{1}{2}$ lb., 85c; 1 lb., \$1.55, postpaid.



Winter Queen

Selected Watermelons

WILL'S SUGAR WATERMELON.

This pioneer variety, which we introduced in 1888, still remains the favorite of the Northwest. It is the second earliest watermelon grown, and combines with that very necessary quality, hardiness and heavy production. It is one of the sweetest melons grown, and the bright red flesh and small black seeds make a very pleasing contrast. This is the watermelon for the Northwest. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; $\frac{1}{2}$ lb., 75c; 1 lb., \$1.30, postpaid.



Field View of Will's Sugar Watermelons.

We have used Will's seed for over 20 years and find no others their equal.—Wm. P. Shoun, Mileville, S. Dak.

Onion Sets

Unless otherwise instructed, we shall hold Onion Set orders until danger of freezing is past. Bottom Onion Sets are the product of seed planted closely to prevent full development. We grow our own Onion Sets. They are superior and last year's crop is the best we have ever had. A bushel is 32 lbs., except with top sets, which are 28 lbs. to the bushel. Prices, peck and over, subject to change.

EBENEZER or JAPANESE YELLOW ONION SETS. These yellow sets are surer to form large onions than any other sets, the quality is superior and the yield is larger. Sets of our own growing. 1 lb., 22c; 4 lbs., 65c, postpaid. Not prepaid, peck, 90c; $\frac{1}{2}$ bu., \$1.65; bu., \$3.00.

RED BOTTOM SETS. Fine, well cured North Dakota grown sets. 1 lb., 22c; 4 lbs., 65c, postpaid. Not prepaid, peck, 90c; $\frac{1}{2}$ bu., \$1.65; bu., \$3.00.

WHITE BOTTOM SETS. Milder than the red or yellow sorts and preferred by some on account of their color. Sets of our own growing. 1 lb., 23c; 4 lbs., 70c, postpaid. Not prepaid, pk., 95c; $\frac{1}{2}$ bu., \$1.75; bu., \$3.25.

TOP or WINTER ONION SETS. Perennial. Live in the ground all Winter and start very early in the Spring. 28 lbs. to the bushel. 1 lb., 30c, postpaid. Not prepaid, pk. (7 lbs.), \$1.35; bu., \$5.00.

MULTIPLIER ONIONS. Also called Bunch Onions or Potato Onions. Excellent for early Spring onions. 1 lb., 28c, postpaid. Not prepaid, pk., \$1.20; bu., \$4.25.



Will's Sugar Watermelons.



Bottom Onion Sets.



Bermuda Onion Plants.

GARLIC: BAVARIAN. Lb., 36c; 5 lbs., \$1.40, postpaid.

BERMUDA ONION PLANTS

Seed is sown early in Texas and plants lifted to produce Onions of Bermuda quality in northern gardens. Our Texas growers ships bangup plants and we include cultural directions with each purchase. Our plants come to us with state certificate of inspection. Package of 85 to 125 plants, 25c; 500 plants, 90c; 1,000 plants, \$1.60, postpaid. Crate of 6,000 plants, not prepaid, \$6.00.

Zwiebel
(Ger.)

Will's Pioneer Brand Onion Seed

Roedloeg
(Scan.)

Culture. Sow as early in the Spring as ground can be worked, in drills 15 inches apart, covering one inch deep. One ounce for 300 feet of drill; 4 to 5 pounds per acre. About 750 seeds to the packet.

RED WETHERSFIELD. One of the oldest and best known strains, a sure and heavy yielder. It is one of the very best keepers. The type is large, rather flat, and of a deep purplish red. The flesh is pinkish white and strong flavored. It is the favorite for poor or dry soils. Pkt., 5c; oz., 22c; $\frac{1}{4}$ lb., 65c; $\frac{1}{2}$ lb., \$1.15; 1 lb., \$2.10, postpaid. Not prepaid, 5 lbs., \$9.25.



Montana White Portugal or Silverskin.

WHITE BERMUDA. This is a medium sized onion, flat, very early, and in no sense a keeper. It is not pure white but a light straw color. It is very mild and sweet. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 90c; $\frac{1}{2}$ lb., \$1.60; 1 lb., \$3.00, postpaid. Not prepaid, 5 lbs., \$13.75.

NEW QUEEN. This is a small, rapid growing, mild and sweet small white onion used extensively for pickling and the table. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; $\frac{1}{2}$ lb., \$1.25; 1 lb., \$2.25, postpaid.

EXTRA EARLY RED FLAT. The earliest large Red Onion. A deep purplish red in color, quite flat, firm and of excellent quality. A desirable variety for short seasons or poor soil. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c; $\frac{1}{2}$ lb., \$1.30; 1 lb., \$2.40, postpaid. Not prepaid, 5 lbs., \$10.75.

RIVERSIDE SWEET SPANISH. Nearly globular in form, resembling Prizetaker, but considerably larger, the skin is golden yellow in color and the flesh white and very mild. Especially prized for its mildness and delicacy of flavor, this is one of the largest and finest of onions. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; $\frac{1}{2}$ lb., \$1.25; 1 lb., \$2.25, postpaid. Not prepaid, 5 lbs., \$10.00.



Southport Red Globe.

MONTANA WHITE PORTUGAL or SILVER-SKIN. The All Around Onion. A medium sized, flat, hard and fine grained onion of mild flavor and clear white skin. It is the best keeper of the white onions and fine for Fall and early Winter use. A favorite for pickles and bunching green onions when young and more extensively grown for sets than any other white variety. Our seed is Montana grown, of specially high germination and purity. Pkt., 5c; oz., 24c; $\frac{1}{4}$ lb., 70c; $\frac{1}{2}$ lb., \$1.20; 1 lb., \$2.20, postpaid. Not prepaid, 5 lbs., \$9.75.

SOUTHPORT RED GLOBE. The finest type and most popular of the red onions. Our thin neck strain ripens down to a thick glossy purplish red ball. It is a sure ripener, a good keeper, and very showy when cleaned for market. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 65c; $\frac{1}{2}$ lb., \$1.05; 1 lb., \$1.85, postpaid. Not prepaid, 5 lbs., \$8.00.

SOUTHPORT WHITE GLOBE. This pure white, thin-skinned globe onion commands the highest market price. Our selected strain keeps well, is firm, fine-grained and of mild flavor. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 80c; $\frac{1}{2}$ lb., \$1.40; 1 lb., \$2.60, postpaid. Not prepaid, 5 lbs., \$11.75.

I have been buying seeds of you for 30 years and always found them satisfactory.
—MRS. OSCAR STARKEY, R. No. 1, Burnstad, N. D.



Riverside Sweet Spanish.

Will's Pioneer Brand Onion Seed

WILL'S DAKOTA GLOBE. The Money Making Onion. We believe this to be the finest and best selected strain of Southport Yellow Globe, the most popular and most largely grown yellow onion. It is early, productive, uniform in its deep yellow color, true deep globe shape, with small neck, and an exceptionally good keeper. The flesh is white, crisp and mild. An excellent onion to sow on breaking, and in every way adapted to our growing conditions in the Northwest. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c; $\frac{1}{2}$ lb., \$1.30; 1 lb., \$2.40, postpaid. Not prepaid, 5 lbs., \$10.75.

Have used your seeds for the past 25 years, and would buy no others as long as I can get Will's.

MRS. W. V. BEST,
Oakes, N. Dak.



Will's Dakota Globe.

AUSTRALIAN BROWN. This variety is extremely early and a wonderful keeper. There are no scallions and the bulbs form very early. This heavy yielder is of medium size with amber brown skin and solid white flesh. Onions of this sort have been kept a year in good condition. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 60c; $\frac{1}{2}$ lb., \$1.00; 1 lb., \$1.80, postpaid. Not prepaid, 5 lbs., \$7.75.

PRIZETAKER. One of the largest onions grown and the mildest. It is productive and a sure cropper. The thin skin is a bright straw-yellow and the flesh is pure white. Our strain grows always to a perfect globe shape, the bulbs often attaining a weight of 2 pounds. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 65c; $\frac{1}{2}$ lb., \$1.15; 1 lb., \$2.10, postpaid. Not prepaid, 5 lbs., \$9.25.



Prizetaker.

MOUNTAIN DANVERS. A very early maturing strain of Yellow Globe, not quite as large as Yellow Globe Danvers, but two weeks earlier and a remarkable keeper. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 65c; $\frac{1}{2}$ lb., \$1.15; 1 lb., \$2.10, postpaid. Not prepaid, 5 lbs., \$9.25.

YELLOW GLOBE DANVERS. This is a standard variety for Winter use in all markets. Its skin is a rich orange-yellow color. The flesh is pure white, crisp and mild in flavor. It is a dependable heavy yielder and because of its small neck cures well and makes splendid storage stock.

Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 75c; $\frac{1}{2}$ lb., \$1.30; 1 lb., \$2.40, postpaid. Not prepaid, 5 lbs., \$10.75.

WELSH WINTER (Perennial). Plant this variety to get the earliest green onions. Seed may be sown either in Spring or Fall. This variety does not make large bulbs but is used only for green onions. The plants are perennial, live in the ground for years, and are absolutely hardy. This is a money maker for the market gardener. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 65c; $\frac{1}{2}$ lb., \$1.10; 1 lb., \$2.00, postpaid.



Yellow Globe Danvers.

March 5, 1935.
I have used Will's Garden Seed in Nebraska, also in Wyo.; have used them now for twenty-eight years and have never had a cause to complain. All kinds I have planted grew fine and have always been treated fine by Oscar H. Will & Co.

MRS. ORIN LEE,
Keeline, Wyo.

Erbesen
(Ger.)

Will's Choicest Garden Peas

Erter
(Scan.)

Culture. Sow early in the Spring in rows 18 to 24 inches apart. The Peas will give quicker returns if covered only one inch deep, and where earliness is the most important they may be treated in that way, but longer pods and more of them will be produced if the seed is planted in trenches three to six inches deep and covered with one or two inches of soil. When the plants are five or six inches high, fill the trench level with the surface. Sow every two weeks for succession. They may be sown broadcast and plowed under. Two pounds for 100 feet of drill; 2 to 3 bushels in drills per acre.

Early Dwarf or Bush Varieties

AMERICAN WONDER.

First of All. The earliest of the dwarf wrinkled varieties, of standard quality. The vines are about a foot high, and produce heavy crops of medium size, well filled pods containing 5 to 8 large peas. $\frac{1}{4}$ lb., 14c; $\frac{1}{2}$ lb., 23c; 1 lb., 34c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.80; 20 lbs., \$3.40; 100 lbs., \$16.00.

SUTTON'S EXCELSIOR. An improved Nott's Excelsior, larger podded and more productive. Height 18 inches. The broad pods are dark green, $3\frac{1}{2}$ inches long, and contain 4 to 6 large, bright green peas of very fine quality. Many regard this hardy variety as best of the dwarf, early sorts. $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 38c, postpaid. Not prepaid, 5 lbs., \$1.15; 10 lbs., \$2.20; 20 lbs., \$4.20; 100 lbs., \$20.00.

LITTLE MARVEL. One of the earliest of the wrinkled seeded sorts and probably the most satisfactory Pea for the average home garden. Remains in prime picking condition a week longer than most sorts. The vines are 15 inches high, heavy, with dark green pods usually set in pairs. The pods are filled with from 7 to 8 very dark green peas of high quality. $\frac{1}{4}$ lb., 14c; $\frac{1}{2}$ lb., 24c; 1 lb., 35c, postpaid. Not prepaid, 5 lbs., \$1.00; 10 lbs., \$1.90; 20 lbs., \$3.60; 100 lbs., \$17.00.

HUNDREDFOLD or BLUE BANTAM. One of the best of the Laxtonian type; the vines are from 16 to 18 inches tall, sturdy and very productive. The pods are dark green, 4 inches long, and contain 8 large, dark green peas. $\frac{1}{4}$ lb., 14c; $\frac{1}{2}$ lb., 23c; 1 lb., 34c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.80; 20 lbs., \$3.40; 100 lbs., \$16.00.

Early Varieties NOT DWARF

ALASKA. This hardy and early variety is much used for canning and home gardening. The vines grow 30 inches tall. The pods are light green, short and square ended, containing from 5 to 8 Peas to the pod. $\frac{1}{4}$ lb., 14c; $\frac{1}{2}$ lb., 23c; 1 lb., 34c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.80; 20 lbs., \$3.40; 100 lbs., \$16.00.

FIRST OF ALL OR EARLY JUNE. This is a larger podded sort than Alaska. The semi-smooth seed may be sown two weeks earlier than that of the wrinkled seeded varieties, as it will not rot in the ground. The vines grow to a height of three feet. The pods are deep green, square ended, and 4 inches long; containing 7 Peas to the pod. This is a very heavy and even cropper. $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 26c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.20; 10 lbs., \$2.30; 20 lbs., \$4.40; 100 lbs., \$21.00.

WORLD'S RECORD or IMPROVED GRADUS. This is one of the earliest of the wrinkled seeded, large-podded varieties. The vines reach a height of 2 feet, produce most abundantly and bear throughout the season. The pods are nearly as large as those of the Telephone, and the tender peas are of a most delicious flavor. It is the market gardener's favorite. $\frac{1}{4}$ lb., 14c; $\frac{1}{2}$ lb., 24c; 1 lb., 35c, postpaid. Not prepaid, 5 lbs., \$1.00; 10 lbs., \$1.90; 20 lbs., \$3.60; 100 lbs., \$17.00.



World's Record.



Dwarf Peas—Continued

LAXTON'S PROGRESS. The earliest and best of the large-podded dwarf Peas. We have dropped both Pioneer and Peter Pan in favor of this very similar and much better variety. The vines grow 18 inches tall and are more productive than any other of the dwarf class. This new sort is absolutely the best of its class to date. $\frac{1}{4}$ lb., 12c; $\frac{1}{2}$ lb., 18c; 1 lb., 34c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.80; 20 lbs., \$3.40; 100 lbs., \$16.00.

MCLEAN'S LITTLE GEM. An early dwarf Pea of delicious flavor; excellent for family use. The vines are about 18 inches in height and produce an abundance of pods from $2\frac{1}{2}$ to 3 inches long. The Peas are borne at the top of the stalk and are easily gathered. They are delicious and are sweeter than others of the dwarf varieties. $\frac{1}{4}$ lb., 14c; $\frac{1}{2}$ lb., 28c; 1 lb., 34c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.80; 20 lbs., \$3.40; 100 lbs., \$16.00.



Laxton's Progress

Main Crop Varieties

BLISS EVERBEARING. If the pods are picked as they mature, the vines will continue to branch and bear, giving the variety its name. It grows to a height of $2\frac{1}{2}$ feet and as many as 100 pods have been counted on a single vine. Peas are large and sweet and packed tightly in the pods. $\frac{1}{4}$ lb., 12c; $\frac{1}{2}$ lb., 18c; 1 lb., 34c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.80; 20 lbs., \$3.40; 100 lbs., \$16.00.

ALDERMAN. The best main crop variety of the Telephone type and the most popular tall, main crop Pea. The vines grow to a height of 4 feet. The pods average about $4\frac{1}{4}$ inches long, containing nine large, medium green peas of highest quality. $\frac{1}{4}$ lb., 14c; $\frac{1}{2}$ lb., 28c; 1 lb., 34c, postpaid. Not prepaid, 5 lbs., 95c; 10 lbs., \$1.80; 20 lbs., \$3.40; 100 lbs., \$16.00.

LINCOLN. A very productive pea of fine quality recommended for mid-season by the North Dakota Experiment Station. The vines grow 2 feet tall. The pods run from $3\frac{1}{4}$ to $3\frac{3}{4}$ inches long, containing from 6 to 8 medium green peas of fine quality. One of the best yielding Peas. $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 26c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.20; 10 lbs., \$2.30; 20 lbs., \$4.40; 100 lbs., \$21.00.

Edible Podded Variety

DWARF GRAY SUGAR. Height 2 feet. The pods are 3 inches long, curved and blunt, plump and fleshy. This sort is moderately early and very prolific. The pods are picked when the peas are forming and broken and cooked like string beans. $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 24c; 1 lb., 36c, postpaid. Not prepaid, 5 lbs., \$1.10; 10 lbs., \$2.05.



Bliss Everbearing

All Peas and Beans Require an

Inoculant

Garden Size, will treat up to 8 lbs. **25c**
Price postpaid.

See page 77.



Radies (German)



Will's Early Carmine

this superb variety as is grown. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; lb., 80c, postpaid.

CRIMSON GIANT. Extremely large, but never pithy or hollow. This Radish is of uniform globe shape. The skin is crimson; the flesh white, crisp, tender and sweet flavored. One of the best varieties for outdoor culture. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; lb., 85c, postpaid.

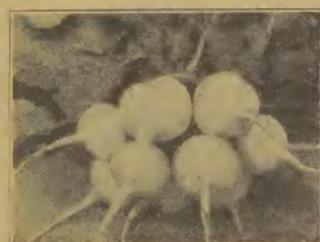


Crimson Giant.

LONG SCARLET SHORT TOP. Sometimes called Cincinnati Market. The roots of this old reliable variety are smooth, slender, and uniform, about six inches long, a bright carmine-red in color, and of excellent quality. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; lb., 85c, ppd.

MODEL BOX. White Radishes are invariably better keepers and last longer in the field than other sorts. Model Box is a white, turnip-shaped Radish, the very earliest

white variety and is ready for use in 30 days. Pure white, crisp and mild. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 60c; lb., \$1.00, postpaid.



Model Box.

Will's Northern Grown

Culture. For early use the seed may be sown in hotbed. For open ground culture, sow in the Spring as soon as the ground can be worked, in drills 10 to 12 inches apart. Sow every two weeks for a succession. About 600 seeds to the packet.

WILL'S EARLY CARMINE. Our old reliable extra early sort which has so long been the favorite throughout the Northwest. A bright carmine in color, almost round in shape, very early, mild and lasts well for an early sort; crisp and tender. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; lb., 80c, postpaid.

EARLY SCARLET GLOBE. The market gardener's variety. One of the earliest forcing Radishes and does equally well outside. The bright scarlet roots are fair sized, globe-shaped and with very small top. We have as good a stock of



Saxa.

There is no comparison between Southern Grown Radish Seed and Our Northern Grown Stocks.

SAXA. The earliest, smallest topped Radish, and one of the slowest to seed. The round, bright scarlet roots are ready for the table 20 days after planting the seed. We have a fine stock of this variety and the demand has increased annually since we first listed Saxa in 1918. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 65c; lb., \$1.15, postpaid.



Fireball Radish.

FIREBALL — NON PLUS ULTRA. An early round Radish of bright scarlet color and pure white flesh; crisp, tender, and of the very best flavor. It has few and short leaves, which permits close growing. Very desirable for the home garden and a money maker for the market gardener. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; lb., 85c, postpaid.

RADISH SEED



Sparkler

SPARKLER. Improved Scarlet Turnip White Tipped. This extra early strain is perhaps the most attractive Radish we have. The color is a rich carmine-scarlet with well defined tip of purest white. The flesh is solid and crisp, and remains fit for use as long as some of the coarser varieties. Largely grown by market gardeners both because of its earliness and its quality. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 28c; $\frac{1}{2}$ lb., 45c; lb., 75c, postpaid.



Black Spanish Winter

BLACK SPANISH WINTER. One of the latest as well as the hardiest of Radishes. The skin is black and flesh white, solid, crisp and pungent. Keep well all Winter. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; lb., 90c, postpaid.

CHINA ROSE WINTER. One of the very best Winter Radishes. The roots are cylindrical and blunt at both ends. The skin is bright, deep rose color and the flesh white and very crisp. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; lb., 90c, postpaid.

WHITE STRASBURG. One of the best large, white late Summer sorts for home garden and market. The roots are about 5 inches long, thick at the shoulder and abruptly tapering. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; lb., 85c, postpaid.

March 21, 1935.

I purchased Sixty Radish Seed last year. I left a few stand to seed but they didn't go to seed. I pulled four in Sept., and the largest one measured 12 in. in circumference and was good to eat. I irrigated my garden and must say I never had finer radishes.

MRS. SAM HARDIE, Redfield, S. D.



French Breakfast

FRENCH BREAKFAST. A half-long, very crisp and quick-growing Radish. In color it is a bright rose-scarlet with blunt white tip. It is very early, a great favorite on the market and unexcelled for home garden. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; lb., 85c, postpaid.



White Icicle

ICICLE. The finest of early pure white varieties. Their long, slender form and pure white skin make the roots attractive. They are unusually crisp and tender and preserve these qualities much longer than the red sorts. One of the most desirable sorts for outdoor Summer planting. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 50c; lb., 80c, postpaid.

A GOOD GARDEN ALWAYS PAYS



Bloomsdale Spinach

NOBEL-GIANT THICK LEAVED (also called Big Crop). This very rapid grower produces the largest plants of any variety we know. The leaves are very thick and rather smooth, making this more easily cleaned than most sorts. It is long standing, desirable for canning, home and market. It was the largest yielding Spinach in our trials last summer. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 30c; 1 lb., 50c, postpaid.

KING OF DENMARK, Antovorsk. This variety is slower to run to seed than any other sort. The plants are early, vigorous, and productive, bushy in habit. The rounded leaves are crumpled, blistered and a deep green in color. This is a sort the Northwest has been looking for. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 30c; 1 lb., 50c, postpaid.



Mammoth Sandwich Island Salsify

Peanuts

CULTURAL DIRECTIONS FOR PEANUTS FOR THE ASKING

SPANISH. Earliest variety grown. Pods are small, but remarkably solid and well filled. Sow in drills 3 feet apart, placing the nuts 8 to 10 inches apart to allow for bushy habit of the plants. Pkt., 10c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 24c; 1 lb., 37c, postpaid. Not prepaid, 5 lbs., \$1.25.

Spinat (German)
(Scandinavian)

Spinach

CULTURE: Sow in early Spring, in drills 12 to 15 inches apart, covering not more than one inch deep. Sow two weeks apart for succession. One ounce for 100 feet of drill. With exception of New Zealand Spinach, about 600 seeds to the packet.

PRINCESS JULIANA. A new thoroughbred type of long standing spinach, very slow to bolt, to seed and a most attractive sort. The leaves are large and rounded,

thick, very much blistered and crumpled, and of an intense, very dark green color. We check this variety as having the most attractive color of any sort in our trials. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 30c; 1 lb., 50c, postpaid.

BLOOMSDALE or SAVOY LEAVED (Norfolk Savoy). This is probably the earliest and hardiest

variety. It is best for early planting, as the plants bolt to seed quickly in hot, dry summer weather. The plant is of upright growth and the broad, pointed, crinkled leaves are very thick and a glossy green. This sort yields a heavy crop. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 18c; $\frac{1}{2}$ lb., 29c; 1 lb., 45c, postpaid.



King of Denmark Spinach

NEW ZEALAND. Not a true Spinach, this variety thrives in any soil and stands hot weather. As the leaves are picked off, new shoots appear and yield a continuous supply of greens, throughout the summer, when other Spinach would be useless. 125 seeds to the packet. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 40c; 1 lb., 70c, postpaid.



New Zealand Spinach

Haferwurzel
(German)

Salsify or Oyster Plant

Havrered
(Scandinavian)

CULTURE: Sow as early as the ground can be worked, in drills 12 to 15 inches apart, one inch deep. One ounce to 100 feet of drill. About 180 seeds to the packet.

MAMMOTH SANDWICH ISLAND SALISFY. This is an improved type of Salsify and the best sort. The roots are double the size of the old Long Smooth variety, less likely to branch, and are of equally good quality and delicate flavor. Pkt., 8c; oz., 20c; $\frac{1}{4}$ lb., 60c; $\frac{1}{2}$ lb., \$1.10; 1 lb., \$2.00, postpaid.

Use WILL'S PIONEER BRAND MERMASH for Your
TURKEYS, CHICKS and LAYING HENS—See Page 76

Kürbiss (German)

Squash-graeskar (Scandinavian)

Culture. One ounce to 25 hills. Summer, and one ounce to ten hills. Winter. Plant the hills in the same manner and the same time as melons, and cucumbers, the bush varieties three to four feet apart and the running kind seven to eight feet apart. About 30 seeds to the packet of Winter Squash; about 70 to the packet of Summer Squash.

WINTER SQUASH

BANQUET. (See back cover for colored illustration.) A cross between Gilmore and Buttercup resulting in a golden Squash earlier and more prolific than Buttercup with Buttercup shape and quality. We are proud of this one. Pkt., 20c.

WINNEBAGO. One of the very best of squashes. The squash is long, greenish black in color, and a good keeper. The bright orange flesh is thick, very dry and sweet and less stringy than almost any other squash. The past season we had many Winnebago Squash weighing over 30 pounds. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 75c; 1 lb., \$1.35, postpaid.



Buttercup

BUTTERCUP SQUASH. A cross between Essex Hybrid and Quality developed by Professor A. F. Yeager of the North Dakota Experiment Station. The squashes weigh between 3 and 5 pounds with thin, tough green skin. There is no fibrous section and the deep, rich orange flesh is untinged with green. It is a good keeper with less waste and shrinkage in cooking than any other squash we have tried. The flavor is pleasant and very like that of a sweet potato, very sweet; the texture smooth and comparatively dry. This is the best squash we have ever tasted. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 55c; $\frac{1}{2}$ lb., 85c; 1 lb., \$1.60, postpaid.

MAMMOTH CHILL. Grown for exhibition and stock feeding, specimens have been grown to weigh over 150 pounds. The skin is a rich orange-yellow and the very thick flesh is yellow. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 55c; $\frac{1}{2}$ lb., 85c; 1 lb., \$1.60, postpaid.

GILMORE. A cross between the Winnebago and the Arikara combining the flavor, shape and quality of the former with the earliness, hardiness and productivity of the Arikara. The skin is salmon colored tinged with blue green. The flesh is orange, thick and fine. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 70c; 1 lb., \$1.25, postpaid.

TABLE QUEEN or DES MOINES. A small, very productive variety of many desirable qualities. Its size is particularly desirable as one squash makes a meal for a hungry person. The thin shell is ribbed and very dark green in color. The flesh is very thick and the seed cavity small. A good keeper. The quality is excellent. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 70c; 1 lb., \$1.25, postpaid.

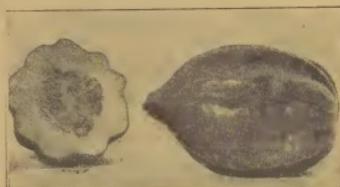


Table Queen

SUMMER SQUASH

ITALIAN MARROW—COCOZELLE. The most delicate and finest flavored Summer squash. Of compact bush growth, the vines yield heavily of fruit averaging 10 inches long and 5 inches in diameter, dark green in color with the yellow and green stripes. Used when 10 inches long and perfectly green. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 65c; 1 lb., \$1.20, postpaid.

March 25, 1935

Last year my friend gave me some Buttercup Squash Seed. They were the best squash I ever ate, also some Bison Tomato Seed. They were very nice in spite of the dry, hot summer.

MRS. M. MOST, Imlay City, Mich.

Will's Squashes

Early and Hardy Varieties
for the Northwest



Improved Hubbard

IMPROVED HUBBARD. The Standard Winter Squash. More extensively grown for the market than any other variety. The fruits are large, heavy and moderately warted. The shell is a dark brown-green, flesh bright yellow, fine-grained, dry and sweet. Its quality is the standard of excellence. Our seed is a superior strain as the result of careful selection over a long period of years. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c; $\frac{1}{2}$ lb., 75c; 1 lb., \$1.40, postpaid.

RED or GOLDEN HUBBARD. This is a sport from the true Hubbard, and quite like its parent in form and habit, but decidedly earlier. The shell is moderately warted, hard, strong and a bright orange-red in color. The flesh is deep orange, dry and of splendid quality. This is a superior table variety and an excellent keeper. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 70c; 1 lb., \$1.30, postpaid.



Arikara

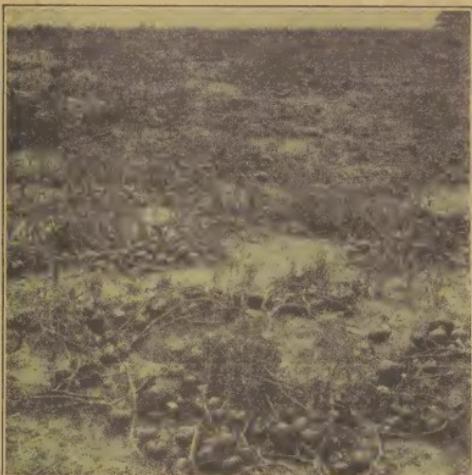
GENERAL PURPOSE SQUASH

EARLY MANDAN SQUASH. The Very Earliest Squash in the World. This wonderful little Squash, obtained by us from the Mandan Indians, will ripen anywhere, notably in the Montana mountains, where squashes had never been grown before. It is hardy, drought resistant and withal of fair quality. Pkt., 10c; oz., 25c, postpaid.

GIANT SUMMER CROOKNECK. A new variety early as common Crookneck and much larger, frequently two feet long. It is heavily warted, of bright golden color, brittle and tender. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 55c; 1 lb., \$1.00, postpaid.

MAMMOTH WHITE BUSH. Cymling or Patty Pan. A very early Summer squash. It is flattened and scalloped, comparatively smooth on the surface and creamy white in color. The flesh is thick and very fine in quality. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 55c; 1 lb., \$1.00, postpaid.

Culture. Sow in hotbed or shallow boxes in the house in early Spring; when plants are large enough, transplant into hotbed or boxes and when all danger from frost is past transplant into open ground, about four feet apart each way. About 600 seeds to the packet.



Red River Tomatoes

MILLET'S DAKOTA. The hardest, most drought resistant early Tomato. Originated by the late John W. Millet of Bismarck, and introduced by us in 1913, it is as early as the earliest strain of Earliana. The fruit is of medium size, smooth uniform shape, and of rich deep scarlet color. It is of high quality, although not as meaty as the Red River. Under fairly favorable conditions we believe the Red River will outyield Millet's Dakota, but under the harshest conditions we will back Millet's Dakota against all comers. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 45c; $\frac{1}{4}$ lb., \$1.45, postpaid.



Millet's Dakota

PINK PEACH. This excellent sort resembles a peach in size and shape. The surface of the fruit is covered with a down much like its namesake. It makes delicious preserves and pickles. Size about the same as most early sorts and excellent to eat fresh. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c, postpaid.

YELLOW PLUM. A beautiful sort, much resembling a plum in size and shape; widely used for preserving. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c, postpaid.

RED CHERRY. The fruits are very small, about the size of a large cherry, smooth and round. It bears early and freely until frost, and is used for preserving. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c, postpaid.

Will's Early

Liebesapfel (German)

GOLD NUGGET GROUND CHERRY. (See back cover for colored illustration.) The largest Ground Cherry we have ever seen, with many fruits 1 $\frac{1}{4}$ inches in diameter. Professor A. F. Yeager is truing up this stock which as yet is not quite straight for color, but, because of its size and quality we believe it worthy of introduction right now. Pkt., 20c; $\frac{1}{2}$ oz., 60c; oz., \$1.00, postpaid.

RED RIVER. We could fill a fair sized book with letters we have received in praise of this variety. It is the result of a cross of Carter's Sunrise, a small, very meaty, greenhouse variety, with one of the North Dakota Experiment Station's selections of Earliana, made by Professor A. F. Yeager of the North Dakota Agricultural College. One of the earliest, and the most solid, meaty early sort we have ever seen. Red River is a heavy producer of bright scarlet, medium sized, slightly flattened, smooth fruits of solid meat and splendid flavor. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 45c; $\frac{1}{4}$ lb., \$1.45; 1 lb., \$5.00, postpaid.

EARLY JUMBO. The earliest large Tomato, this pink sort was developed by Professor A. F. Yeager of the North Dakota Agricultural College. It is very meaty and of high quality. Pkt., 20c.

GOLDEN BISON. A fine addition to the Bison family. Professor Yeager has combined the earliness and compact habit of growth of Bison with a medium sized, smooth, mild Golden Tomato of finest quality. Attractive in salads especially when sliced together with Red Tomatoes. This sort is worth trying. Pkt., 10c; $\frac{1}{2}$ oz., 35c; oz., 60c.



Strawberry or Ground Cherry

STRAWBERRY GROUND CHERRY OR HUSK TOMATO—GOLDEN HUSK. This variety is unequalled for canning, preserving or making pies. Dried in sugar as raisins or figs they are unexcelled. The vines cover the ground and yield enormously. The yellow fruits are half an inch in diameter and enclosed in a husk. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 45c, postpaid.

The garden seed ordered from you last spring has been very satisfactory. The first time I had tried North Dakota garden seeds in Mo. and expect to be a regular customer. I wish to mention especially the Bison Tomato. We have had a very peculiar summer. More rain than usual during April, May and early June, but began to get hot and dry the latter part of June. Consequently, the old "stand-by" tomatoes have been a complete failure. We have the only tomatoes in this part of Mo. Never saw any tomatoes bear like they do. Have canned 200 qts. and sold \$15.00 worth. Have to gather tomatoes every day. Never thought any Tomatoes could bear like the BISON.

IRA W. GRIFFIS, Nelson, Mo.

Hardy Tomatoes

Tomat
(Scandinavian)

BISON. The Tomato for Northern Gardens. The best early tomato yet developed by Professor A. F. Yeager, this sort is self-pruning or determinate in growth. In place of wasting its vitality in continuous branching, as do practically all other Tomatoes, Bison grows a compact plant and puts all its energies into producing and ripening a heavy and extra early crop of smooth, solid, meaty, medium sized red Tomatoes. In 1930 Professor Yeager had a plant in his plot that produced 40 pounds of ripe fruit. One of our customers wrote in of a Bison plant that bore 42 pounds of ripe fruit. Do not prune Bison plants. We believe this is the best thing that Professor Yeager has developed to date and that is saying a lot. Pkt., 10c; $\frac{1}{2}$ oz., 30c; oz., 50c; $\frac{1}{4}$ lb., \$1.75; 1 lb., \$6.00, postpaid.

Have been growing your Bison Tomato for three years. Had plants with as many as 85 nice tomatoes on them—beat any variety I ever saw. A. A. McFARLAND, Orr, Minn.

JOHN BAER. Slightly earlier than Bonny Best, this sort is a heavy yielder of smooth, firm, medium large sized scarlet fruits. Pkt., 5c; oz., 35c; $\frac{1}{4}$ lb., \$1.10, postpaid.

PONDEROSA. A very large, solid meaty, purplish-red tomato. It is a little late for the ordinary northern garden, but we list the earliest northern grown strain in response to a demand from southern customers and some northern gardeners who wish to grow the largest tomatoes. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.25, postpaid.

FARGO YELLOW PEAR. In this new sort Professor A. F. Yeager of the North Dakota Agricultural College has combined the earliness and self pruning habit of his Bison Tomato with typical Yellow Pear Fruit. Its extreme earliness and heavy yields are worth while. Pkt., 10c; $\frac{1}{2}$ oz., 35c; oz., 60c.

Last year I planted some of your Ladak Alfalfa on dry land. Some of it came to bloom the first year though it was so dry. It was about 12 inches high.—Mrs. Emery Bergman, R. No. 2, Power, Mont.



Fargo Yellow Pear

Selected Earllana



Bison Tomato
(Typical Unpruned Plant)

EARLLANA. Selected Early Strain. One of the earliest and best of the early varieties. It is very productive for an early sort. The fruit is fair sized, round, very smooth and solid and produced in clusters in the center of the plant. The color is a bright scarlet. You simply cannot beat our strain of this grand old sort. Pkt., 5c; oz., 35c; $\frac{1}{4}$ lb., \$1.10, postpaid.

The Bison Tomato is the only tomato to raise in our city garden because it matures early. We won 1st prize on our garden last summer, and I know it was the tomatoes that done it.

JOHN A. ROSCOE,
2206 Oakes Ave., Superior, Wis.

RED HEAD. This new variety is one of the very best second early sorts. As early as Chalk's Jewel it is nearly as large as Stone. Very productive, the fruits are nearly globe-shaped and very solid. Pkt., 10c; $\frac{1}{2}$ oz., 25c; oz., 40c; $\frac{1}{4}$ lb., \$1.25, postpaid.

BONNY BEST. Very nearly as early as Millet's and Earllana, the bright deep scarlet fruits ripen more evenly than do those of any other early scarlet variety and are of superior solidity and interior color. A good yielder and most attractive in shape and color. This sort is coming rapidly to the front both for the home and market garden. Pkt., 5c; oz., 35c; $\frac{1}{4}$ lb., \$1.10, postpaid.

MARGLOBE. An all-purpose, midseason Tomato developed by the U. S. Department of Agriculture. The fruits are medium large, nearly globular, smooth and solid. This variety is resistant to wilt. Pkt., 5c; oz., 35c; $\frac{1}{4}$ lb., \$1.10, postpaid.

WONDERBERRY—GARDEN HUCKLEBERRY. Not a true Huckleberry, but belonging to the same family as do Tomatoes, Eggplant, and Pepper, this is very productive of round, nearly black fruits, but little smaller than a Concord Grape. These fruits when fully ripe make excellent pies, preserves, and jam. Pkt., 10c; oz., 50c.

Kohlrübe
(German)

Roe
(Scandinavian)

Will's Best Rutabagas



Will's Improved Rutabaga.

Culture. Sow latter part of June or first of July. If drilled in, rows should be about 20 inches apart, and frequent cultivation will increase the yield. One ounce to 250 feet of drill, 1½ pounds per acre if drilled, and 2½ pounds if broadcast. About 1,900 seeds to the packet.

WILL'S IMPROVED AMERICAN PURPLE TOP YELLOW. The roots are large, globular in form, with small neck, and very small tap root. The color is a bright yellow with a purple top. The flesh is very solid, yellow, tender and sweet. Our strain is very hardy and especially adapted for broadcasting on new breaking. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; 1 lb., 65c, postpaid. Not prepaid, 5 lbs., \$2.00.

PAJERJERG BANGHOLM. The roots are purple-topped with very small necks. The flesh is yellow, exceedingly solid and crisp. This is the sweetest rutabaga in cultivation, a very heavy yelder and a splendid keeper. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; 1 lb., 70c, postpaid. Not prepaid, 5 lbs., \$2.25.

WHITE SWEET PERFECTION. This white Rutabaga is a heavier yelder than most of the yellow sorts. Especially desirable for table use, it is neckless, small topped, fine grained and sweet. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; 1 lb., 70c, postpaid. Not prepaid, 5 lbs., \$2.25.

EARLY NECKLESS. Three weeks earlier than Purple Top Yellow, entirely neckless, free from side roots, round and uniform, this is a fine quality Rutabaga. Pkt., 5c; oz., 10c; ¼ lb., 27c; ½ lb., 43c; 1 lb., 75c, postpaid. Not prepaid, 5 lbs., \$2.50.

Weiss-Rübe
(German)

Will's Best Turnips

Turnips
(Scandinavian)

Culture. Sow seed early in the Spring for the Summer crop and about the middle of July for late crop. May be sown in drills or broadcast. One ounce will sow 150 feet of row, 1 to 2 pounds to the acre. About 2,200 seeds to the packet.

PURPLE TOP STRAP-LEAF. The most widely cultivated and best known variety. The roots are flat, medium sized, purple above ground and white below. The flesh is white, fine grained and tender. It is a quick grower and very productive. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; 1 lb., 65c, postpaid.

EXTRA EARLY WHITE MILAN. The earliest turnip, can be used Spring or Fall. The creamy white roots are medium sized, flat and uniform. The white flesh is fine-grained, tender and sweet, of splendid quality. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 48c; 1 lb., 85c, postpaid.

EXTRA EARLY PURPLE TOP MILAN. Nearly as early as White Milan. The roots are medium sized, white, with purple top. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 48c; 1 lb., 85c, postpaid.



Purple Top Strap Leaf.

WHITE EGG. A medium sized, very early, snow-white variety, with firm, fine-grained flesh. Does not crack as readily as the flat varieties. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; 1 lb., 70c, postpaid.

EARLY WHITE FLAT DUTCH. A very early flat turnip of medium size and clear white skin. The flesh is very white, fine-grained and sweet. One of the most popular sorts for home or market. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; 1 lb., 70c, postpaid.

PURPLE TOP WHITE GLOBE. A good-sized, globe shaped variety of fine appearance, a good producer and a fine keeper. The flesh is firm, fine-grained, tender and sweet. Pkt., 5c; oz., 10c; ¼ lb., 27c; ½ lb., 43c; 1 lb., 75c, postpaid.

YELLOW ABERDEEN. A long-keeping, globe shaped, medium sized, yellow sort, tender and sweet fleshed. Pkt., 5c; oz., 10c; ¼ lb., 27c; ½ lb., 43c; 1 lb., 75c, postpaid.



Purple Top White Globe.

North Dakota Grown Seed Potatoes

We are unable to quote firm potato prices at this time. Write for prices in March.

Early Idaho—Earliest of All

NORTH DAKOTA GROWN AND SELECTED
This is the very earliest potato that we have ever seen. The first seed was obtained from Moscow, Idaho, several years ago, which gave us the name. In appearance it resembles the Early Ohio, but is somewhat smaller and ten days earlier. The potatoes are formed in a compact bunch in the hill which permits of closer planting, a desirable feature for the small gardener. The tubers are of exceedingly good quality from the first.

Early Triumph Seed Potatoes

THE MOST POPULAR EXTRA EARLY SORT

The Early Triumph is a roundish, red potato, somewhat earlier than the Early Ohio and a very good yielder on good soil with fair moisture conditions. It is a great favorite at the present time, and many carloads of seed from our state are shipped south where they are used to produce the early crop for the large markets.

Selected North Dakota Early Ohios

The Early Ohio is the standard seed potato of the country and North Dakota grown seed is recognized as best of all. Our stock is of the best selected strain, of good shape, clean and vigorous, and is all North Dakota grown. The Early Ohio is a heavy yielder, uniform in size and unexcelled in eating quality and is probably more grown than any other single variety of potato.

Irish Cobbler Seed Potatoes

Our stock of these is from the finest registered stock. We have had a good yield of high quality and good true stock. The Cobbler seems to be the heaviest yielding main crop sort on good soil. A white potato of very excellent eating quality.

WARBA POTATO—The New Minnesota Introduction

Scientifically Bred for Both Earliness and Heavy Yield

Warba is a cross between a numbered Minnesota seedling and the Bliss Triumph. It consistently outyields Irish Cobbler and is a week earlier than Early Ohio. Looks like a Cobbler with pinkish eyes. Is very resistant to mosaic, and to hot weather as well; eating quality is unusually good. Our supply is very limited.

CHIPPEWA—A Main Crop Sort

Another introduction of the Minnesota Experiment Station, bred under the same careful and controlled conditions as the Warba. A main crop sort of very high quality and an extremely heavy yielder. Disease resistant.

Potato Eyes

Plant 8,000 to 12,000 to the acre

Unless the season is very dry these eyes, properly cut with a deep wedge of flesh as we cut them, will produce very nearly as good results as the whole potatoes. For those who live at a considerable distance, in view of the present transportation rates, and for those who are far from express or freight offices, potatoes in this form for planting are invaluable. We do not forward until danger from frost is past unless especially directed to ship on a given date.



PRICES: Any of varieties listed, postpaid, 100, 60c; F. O. B. Bismarck, per 1,000, \$4.50.

PIONEER BRAND SEED CORN

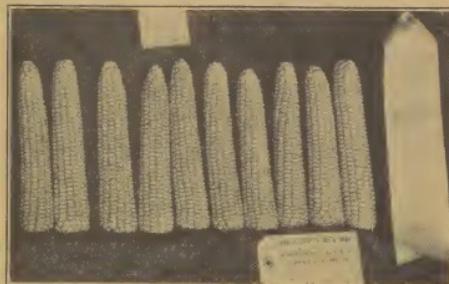
Grown in the Missouri Valley in North Dakota

Prices of Seed Corn include sacks, are f. o. b. here and subject to prior sale and change without notice
TEST ALL SEED CORN WHEREVER OBTAINED

SEED CORN IS OUR SPECIALTY

Our stock is all grown for us on contract from seed of our own selection. We hand sort all Seed Corn and store in good dry buildings after sorting, shelling, testing and making sure that the moisture is below 14% by drying when necessary. **We have bred and introduced practically all of the recommended and adapted varieties of Corn for the Northwest.** We were flattered to read a recent Montana State College news story detailing adapted commercial varieties of Corn. Every variety in their list was one introduced by us. The varieties mentioned were Gehu, Dakota White Flint, Northwestern Dent, Pioneer White Dept and Falconer Sem-Dent.

Once more Corn has proved its right to be called the **surest crop for the Northwest** and has come through with an excellent yield where Wheat was practically a failure. Seed Corn is in good supply this year and prices are very reasonable. We should like to call to the attention of our customers particularly the recent interest and publicity with regard to the **hybridized or crossed strains of Corn** which are **so superior in yield**. We have handled from our own in-breeding and crossing the Falconer and Northwestern Dent. We are very glad now to be able to offer an **outstandingly excellent hybrid** which is the **result of the work of Dr. P. J. Olson** at the State Agricultural College. This is the **Dakota White Flint Hybrid**. It will be found not only **superior in yield** but **taller in growth** with the ears fairly well up from the ground.



Dakota White Flint

Will's Dakota White Flint

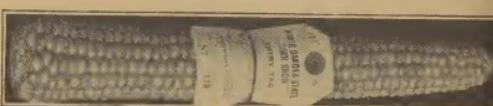
The Earliest, Most Drought Resistant, Highest Yielding of the Standard Early Flints

Dakota White Flint, the first Corn developed by Oscar H. Will in the early eighties, has stood the test of years and is a standard for earliness and hardiness. It is a pure, pearly white flint with long, slender ears which shell out the maximum amount of grain. A great many ears are borne to the hill, which accounts for the exceptional yields, there being many reports of fifty and sixty bushels to the acre for small fields and forty to fifty bushels per acre in fields of forty, fifty or more acres.

Dakota White Flint Corn matures with an unusually small moisture requirement and is the most frost resistant and hail resistant of any known flint. It is a tall, slender plant with long, slender ears which shell out the maximum amount of grain. A great many ears are borne to the hill, which accounts for the exceptional yields, there being many reports of fifty and sixty bushels to the acre for small fields and forty to fifty bushels per acre in fields of forty, fifty or more acres.

variety. Stalks are leafy and bushy which attains a height of from four to six feet in a fair to good year, being somewhat shorter in dry seasons. A wonderful variety for feeding in the fields as there are no coarse stalks, and every bit of stalks as well as grain is consumed with gusto by stock.

Do not confuse Dakota with other white flints. The Dakota is a grain producer with a small cob. Other flints with tremendous cobs which shell out a very low percentage are sometimes offered as Dakota. Lb., 30c, postpaid. For prices see enclosed blue price list.



Single Ear of Dakota White Flint

SHOTA WHITE FLINT—For the Silo

This is a cross between a white flint from the Iroquois Indians of New York and our own Dakota White Flint. Grows about 6 inches taller, ear is a foot from the ground. About a week later. Very leafy with slender stalks which make wonderful silage or fodder. Price, lb., 30c, postpaid. For prices see enclosed blue price list.



Shota Flint

A Corn Handbook for the Northern Great Plains

Corn Growing, Corn Cultivation, Corn Harvesting, Seed, Etc.

This is a new book covering the subject of Corn in the Northwestern States and Western Canada. It is written in popular style, yet at the same time gives the scientific facts about Corn growing, seed selection and food values of varieties. Deals with the history of Corn in the Northwest, varieties and their particular uses, seed Corn selection and breeding, methods of planting, cultivating and harvesting, and the utilization of the crop, under the varying climatic conditions of the Great Plains.

Published by the Webb Publishing Co., written by George F. Will.

Price, here, 50c. Postpaid to any address, 60c.

A Copy of the Handbook Free with Each Seed Corn Order of \$10 or More Upon Request

N.D.A.C. DAKOTA FLINT HYBRIDIZED SEED

This will prove a remarkable yielder and a taller growing corn than the parent. It is a hybrid from four inbred strains produced by Dr. P. G. Olson with particular attention to high yield and general excellence. Lb., postpaid, 60c. F. O. B. Bismarck, 10 lbs., \$1.00; $\frac{1}{2}$ bu., \$1.75; bu., \$3.25.



Mandan King



N.D.A.C. Dakota White

MANDAN KING

The Heavy Yielding, Long Eared Flint. A cross between King Philip Late Flint and the native Mandan Indian yellow flour corn, this variety combines many of the good qualities of both, and surpasses in yield both parents. It is a somewhat late, tall growing, leafy Flint, which is a tremendous yielder, often bearing three ears to the stalk. Ears are long and slender, dark red to reddish yellow, stalks slender so that there is no waste. The amount of feed produced per acre is almost unbelievable. Postpaid, 1 lb., 30c. For prices see enclosed blue price list.

PRIDE OF THE PLAINS

White Flour Corn. The New Drought Resistant, Leafy, Heavy Yielding Hybrid. A medium early flour corn, with exceptional drought resistant qualities, and wonderful silage and feed possibilities on account of the length and number of its leaves, a quality peculiar to the desert corn of the Southwest which is one of its parents. The ears are large and of excellent feeding quality. For drought resistance it should be planted unusually deep. Lb., 30c, postpaid. For prices see enclosed blue price list.



Pride of the Plains

MANDAN-NAVAJO YELLOW FLOUR CORN

Yellow Flour Corn. This is another hybrid similar to the Pride of the Plains, except that it is yellow instead of white. Drought and therefore somewhat more attractive than the white. Drought resistant, leafy, large ears. Parents are Mandan Yellow Flour corn and yellow flour corn from the Navajo tribe of Arizona. Lb., 30c, postpaid. For prices see enclosed blue price list.

ASSINIBOINE FLINT CORN

From the Canadian Indians—Earliest Type of Corn Grown. It is one of the very earliest and hardest types of Corn in the world. Ripens 10 days before the Gehu and Dakota, so has an especially useful place in hogging off. Yields only 15 to 20 bushels if checked in, but if drilled at the rate of 25 lbs. per acre will yield as high as 40 or 50 bushels per acre. Lb., 30c, postpaid. For prices see enclosed blue price list.

MANDAN WHITE FLOUR CORN

North Dakota Grown for 200 Years—Requires No Grinding Off.—Wonderful for Hogging Off. Government tests have demonstrated that the flour corns are actually even higher in feed value than the dent corns and are much more easily ground and digested by stock than any other type of corn. This is as early as the early flints, a very heavy yielder. Lb., 30c, postpaid. For prices see enclosed blue price list.



Burleigh County Mixed

BURLEIGH COUNTY MIXED or DAKOTA SQUAW CORN

Hardy—Heavy Yielding. This is a mixed form of the early flint and is the first variety listed by us after our business was started. It has retained its popularity through all the years since on account of its extreme earliness, and its unusual hardness and heavy yield. It is very resistant to both drought and frost and fully as heavy a yielder as any variety of early flint. It is a flint corn of mixed colors, yellow, white, blue and red predominating, ears long and slender, mostly eight-rowed. This corn shells out heavier than any other variety. Lb., 30c, postpaid. For prices see enclosed blue price list.



Minnesota 13.

Minnesota 13**Yellow Dent**

MINNESOTA 13 is one of the most popular varieties of Corn for silage and fodder purposes in the Northwest. The ordinary strains are adapted, however, only to good soil and favorable conditions and will mature in a favorable year, but are on the average somewhat too late for anything but feed in our climate. Its yield of fodder and silage is very heavy and it attains near enough to maturity so that there is much dry matter in the content. It grows to a height of from seven to nine feet, depending on the season, usually bears two large ears to a stalk, which are many-rowed, and of a beautiful rich yellow color. Cob is red. We have strains, extra early and adapted to the Northwest.

The Haney Strain is adapted to the eastern and our Boyd Strain to the western part of the state. Lb., postpaid, 30c. For prices see enclosed blue price list.

Will's Original Northwestern Dent

The original Northwestern Dent Corn, a history of which is given in Bulletin No. 107 of the Montana Experiment Station, was introduced by Oscar H. Will in 1896, and almost immediately attained great popularity over the whole Northwest. So much so in fact that corn of every type, color and description has since been sold under the name which we gave to this early red dent. Bloody Butcher and Calico from South Dakota and Nebraska have disappointed many a farmer who had bought them as Northwestern Dent, and found them too tall and too late to be of any value. **The only safe plan therefore is to buy Will's Original Northwestern Dent from Oscar H. Will & Co.**

Northwestern Dent has been in the past more extensively grown than any other variety in the Northwest. It is extremely hardy and will produce a crop when all other dents fail, owing to its frost and drought resistance. Our strain is the early one, from 5 to 7 ft. tall, and ripens in 80 to 90 days. Lb., 30c, postpaid. For prices see enclosed blue price list.

HYBRIDIZED NORTHWESTERN DENT. Latest corn breeding discoveries demonstrate that the heaviest yielding type of corn is a cross between two or more pure inbred strains. We have now carried such strains for 14 years and cross them each year to produce this very heavy yielding seed. Lb., 40c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.00; $\frac{1}{2}$ bu., \$2.00; bu., \$3.50.

Alta Yellow Dent

This is a medium late yellow dent resembling Minnesota 13 in appearance. About as early as Haney Strain 13 and our tests seem to show that it is better adapted to the drier sections of the Northwest than is the 13. It was produced by Professor Manley Champlin when at the S. D. Station at Highmore in the high plains region of that state. Lb., 30c, postpaid. For prices see enclosed blue price list.



Alta Dent.

Mercer Yellow Flint

The Tall, Leafy Silage Corn

This is the fourth time for many years that we have listed the Mercer Flint. There is, however, quite a demand for it from the eastern part of the state, especially for silage purposes. There is little waste in converting it to silage on account of the slender stalk. Rather late, but often ripens. About as sure as early strains of Minnesota No. 13. Lb., 30c, postpaid. For prices see enclosed blue price list.



Northwestern Dent.

CRIMMINS' STRAIN RUSTLER DENT. This strain which has produced champion ship samples for the past several years at the State Corn Show and the International is an unusually fine and uniform selection made by Mr. David Crimmins of Hazelton, N. D., who is one of the outstanding corn growers in our state. It is said to have some Pioneer Dent blood which accounts for its drought resistance. Lb., postpaid, 40c. For prices see enclosed blue price list.

PAYNE'S WHITE DENT. Somewhat later than Pioneer, this selection of Rustler made many years ago in South Dakota has given very good results at the Great Plains Station at Mandan where it has been carefully selected and improved by Mr. Sarvis. Uniform and a good yielder. Lb., 30c, postpaid. For prices see enclosed blue price list.

WILL'S GEHU YELLOW FLINT

The best known of our native early flints; might well be called the **universal Corn**. We have shipped it to every continent and have had fine reports from it in Scandinavia, Russia, Ireland, Scotland, South Africa and South America. It has been carefully bred by us for nearly fifty years and shows the effect of this breeding. Its feeding qualities are the highest of any variety of Corn, it is leafy and produces a tremendous amount of excellent fodder, since there is no heavy stalk, and every part of the plant is utilized. It is drought, frost and hail resistant to a wonderful extent in addition to its great earliness. In good soil and under favorable conditions it may be cut with a Corn binder. **Gehu** is of a lemon-yellow color, ears mostly twelve-rowed, 7 to 10 inches in length. Stalks 4 to 6 feet. Ears 10 to 15 inches from the ground. Hog raisers declare that hogs will fatten on Gehu at least a third faster than on any other Corn variety. This is said to be especially notable in hogging off when the hogs do not have access to alfalfa or sweet clover. Lb., 30c, postpaid. For prices see enclosed blue price list.



FALCONER SEMI-DENT

Hariest—Heaviest Yielder—Most Popular

Falconer Corn has now definitely come to be the principal variety of Corn over the whole Northwest, and its popularity continues to grow in ever-widening circles. Our continued careful selection of seed each year demonstrates its value, and there can be no quarrel with the statement that Falconer is the ideal type of Corn for drought, hail and cold resistance.

It has been growing in its first form for more than 45 years in Burleigh County, being a cross between the early native Indian flint and some yellow dent brought in by one of our pioneer settlers. Mr. Angus Falconer began many years ago to select it for uniformity of appearance, and our first stock came from him and was therefore named for him. It is consistently over our section the best yielder year in and year out of any sort, and while it is by no means as handsome as the pure dents it is very much more productive on the average. Ears of a slightly uneven yellow color, ears are high enough to be easily cut with a corn binder, stalks are leafy and produce a high tonnage of edible feed. Cobs are white, ears 12- to 14-rowed and from 8 to 10 inches long. Lb., 30c, postpaid.

For prices see enclosed blue price list.

Falconer
semi-Dent.



SQUARE DEAL YELLOW DENT

Earliest and Hardest of Yellow Dents

Square Deal was the first pure dent Corn introduced by us and still holds first place for earliness and hardness in the Yellow Dent group. It was selected by Oscar H. Will and first grown in 1904. It is partial to a heavy, well watered soil and is not well adapted to light and dry locations.

Square Deal is a true yellow dent with a red cob. The ears grow six to eight inches in length and contain from 12 to 16 rows, the 12 row ears predominating. Stalks grow about seven feet, with the ears about two and one-half to three feet from the ground. It has the deepest kernel of any of the acclimated varieties, and although the ears are smaller than the Northwest Dent, it shells at least 10 per cent more. Lb., 30c, postpaid. For prices see enclosed blue price list.



PIONEER WHITE DENT CORN

The Earliest, Hardest White Dent in Cultivation. Pioneer White Dent is perhaps the surest pure dent variety that can be grown in the Northwest, and is in addition the easiest dent to pick for those wishing only the grain crop. Pioneer Dent is the result of our own breeding and selection from a white dent obtained from Mr. B. F. Schuster of Wyndmere, N. D., twenty-five years ago, Corn which he had at that time raised for twenty years in North Dakota. This Corn has never failed to produce some ripe Corn for us even in the worst years and has proved an unusual success in eastern Montana where it is very popular. The ears average 7 to 8 inches long, gently tapering, 14 to 16 rows of kernels which are white with occasional pink shading; cob mostly white; stalks 5 to 7 feet high; ears 2 feet from the ground. Lb., 30c, postpaid. For prices see enclosed blue price list.

DAKOTA GOLD

A New Heavy-Yielding Semi-Dent. Dakota Gold is a cross between Wisconsin Golden Glow and our native Mandan Yellow Flour corn. We have been growing and testing it for nearly ten years now and believe it to be a worthy companion variety to Falconer, but of a known pedigree. Ears extra large, long and heavy. Early as Falconer and prolific. Lb., 30c, postpaid. For prices see enclosed blue price list.



Rainbow Flint.

Rainbow Flint—For Fodder and Silage

RAINBOW FLINT (late S. D. strain). Rainbow seems to be definitely the best silage corn for the Northwest. It makes a wonderful lot of feed and silage. Good seed is scarce this fall and we feel that we were fortunate to secure a supply. Postpaid, 1 lb., 30c. For prices see enclosed blue price list.

GREAT PLAINS RAINBOW. It has been selected at the U. S. Great Plains Experiment Station at Mandan. It retains the tallness, leafiness and tremendous size of ears and possesses an earliness which makes sure a high quality of feed, although still late enough to be uncertain as a ripe ear producer. Most drought resistant of all silage varieties. Lb., 40c, postpaid. For prices, see enclosed blue price list.

4X Fodder Corn—Southern Grown Tall, Leafy

The 4X is, we consider, the very best procurable fodder Corn for Northwestern conditions. We get this grown just far enough south so that the maximum quantity of fodder is produced and at the same time the stalks come near enough to maturity so that they are not all water. The best time to cut Corn for fodder is when the kernels are

just past the roasting ear stage. Sow or drill ten pounds to one-half bushel per acre, if planted in rows 3 to 4 feet apart; if broadcast, use about 2½ bushels. For prices see enclosed blue price list.

Acme Fodder Corn—A Cross

The Best Silage Corn for the Northwest

Acme fodder is a natural cross and as such possesses real hybrid vigor; it is a mixture of off type dent corn or of the local mixed strains or other early dents of which we may have an extra amount together with a considerable proportion of intentionally hybridized dents which we crossed the past summer. Being a mixture it is ranker and more luxuriant in growth and a heavier producer. For this reason it is especially valuable for silage. It is easily handled with a binder and gives just about the right degree of maturity early enough for silo filling. For prices see enclosed blue price list.



Acme Fodder Field.

SWEET FODDER CORN—Wonderful Feed for Milch Cows

Sweet Fodder is coming to occupy a place of very high esteem as a feed for milch cows. Owing to the fact that its sugar content is so high it is a more concentrated feed than the ordinary Corn. It is

likewise a heavy yielder as it is so bushy, and there are no heavy, coarse stalks which are usually waste. Prices are very reasonable this year. Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.00; 100 lbs., \$8.00.

Interesting and Unusual Corn Varieties for Trial

We know that many of our customers are interested in experimental work with Corn and in the observation of novel and little known sorts. We have therefore listed here a few of the many unusual types that we are constantly growing and observing, and we hope to present others each year.

Price, lb., postpaid, 40c; f. o. b. Bismarck, 5 lbs., 75c.

BEAR ISLAND SQUAW. A very large varicolored flint from the Chippewa Indians of northern Minnesota, very cold resistant.

NAVAJO SACRED or CUDEI. A very interestingly colored corn from the Southwest with very great drought resistance—flour corn.

MANDAN YELLOW FLOUR. The sacred variety of the Mandan Indians, used by us in some very interesting and valuable crosses.

NORTHERN RUSSIAN EXTRA EARLY. This is corn raised by us during the past year from samples of unusually early sorts sent us by Russian experiment stations.

SANTEE MIXED. This is a late corn, very tall and with perfectly tremendous sized ears. Probably the source type for Rainbow.

ZUNI-PERUVIAN RED HYBRID. This is an interesting Corn, particularly on account of the very dark reddish purple color which in many of the plants dominates ear, cob, stalk and leaves. It has possibilities as an ornamental.

MANDAN BLACK or PURPLE. One of the most interesting of the flour corn types from the Ft. Berthold Indians.

MANDAN CLAY RED. Another of the several Mandan varieties of flour corn, being distinct only as to color, which is most unusual.

ZUNI BLUE. Another of the peculiar varieties from the Pueblo peoples of the Southwest desert country. The most drought resistant varieties known. Of the small kernel flour corn type.

Prices include sacks, and are subject to market changes without notice.
Write for prices on large lots. In case of price advances, value will be sent. Get Our Special Price List, issued at intervals after January 15th.

WRITE FOR OUR BLUE PRICE LIST FOR ITEMS NOT QUOTED HERE

Dwarf Essex Rape

Sow 6 to 10 lbs. per acre.

Very popular for hog and sheep pasture where soil is good and fairly well watered. Keeps growing out as it is eaten off and is not easily damaged by frost. Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., 90c; 50 lbs., \$1.25; 100 lbs., \$6.00.

Soy or Soja Beans

Sow 20 to 50 lbs.

We handle only the earliest and hardiest varieties, principally the Minnsoy and Wisconsin Early B. Suited to warm soils only. Excellent for hay or silage. **Write for Prices.**

Pioneer Brand Buckwheat

Sow $\frac{1}{2}$ to 1 bushel per acre, or 25 to 50 lbs.

SILVER HULL. This is the later, heavier yielding variety which is common in the East, and which is used so extensively there as a late crop, and as a smothering crop for land badly infested with weeds. Buckwheat is an excellent poultry food, a fact that is too little appreciated by most poultry raisers. Lb., 20c, postpaid. F. O. B. Bismarck, 10 lbs., 35c; 100 lbs., \$2.75.

JAPANESE. The Japanese Buckwheat is the largest seeded variety grown, as well as the hardest. It is a week earlier than the other sorts, stands up and produces a crop on poorer soil and is of good milling quality. Lb., 20c, postpaid. F. O. B. Bismarck, 10 lbs., 35c; 100 lbs., \$2.75.

WRITE FOR PRICES.

Pioneer Brand Field Peas

NORTH DAKOTA GROWN EARLY CANADA FIELD PEAS. Field Peas are one of the most useful of crops. The straw is equal to clover hay, and the grain is one of the most nourishing of foods for all kinds of stock. In order to aid in harvesting it is recommended that they be sown with oats or Spring rye. Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 90c; 50 lbs., \$3.00; 100 lbs., \$5.00.

WHITE MARROWFAT. Shorter than Canadian peas with a very large pea, also a bit later. A heavy yielder and a fine pea for human consumption. Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 70c; 50 lbs., \$3.25; 100 lbs., \$6.00.

Sudan Grass

WRITE FOR PRICES.

Sow 6 to 20 lbs. per acre.

Perhaps the heaviest yielding of our annual hay crops. May be cut several times and furnishes excellent pasture for all livestock. Not injurious to any animal.

Sorghums

WRITE FOR PRICES.

EARLY AMBER CANE. The earliest of the sweet sorghums and the most popular in the Northwest.

ORANGE SORGHUM CANE. Sweeter than amber and more productive, very drouth resistant but somewhat later than the earliest types.

DAKOTA AMBER. A Dakota developed and grown strain that is earlier than the ordinary strains and better adapted to Dakota conditions.

HEGARI. A non-saccharine sorghum of the kaffir corn type which proved in our trials last summer both very early and very productive as well as highly drouth resistant.

Hay Millets

SIBERIAN MILLET. This is the hardiest and most planted variety in the Northwest. Does not degenerate from planting northern seed as do some sorts. We supply either northern or southern grown, as they are of equal value. Lb., 20c, postpaid. **Write for Prices.**

WHITE WONDER MILLET. The White Wonder has come to be recognized as one of the very best millets for the Northwest. It is drought resistant with heavy foliage and broad leaves, producing an immense amount of excellent fodder. Its growth is very vigorous and it is one of the very heaviest yielding varieties. Due to its rapid growth it is a fine crop for smothering weeds on foul land. **Write for Prices.**

SOUTHERN GROWN GERMAN MILLET. This is German millet, sometimes called Golden, raised in the latitude of Kansas and southern Nebraska from which region comes the German millet best adapted to our requirements in the Northwest. A wonderful producer of hay and exceedingly valuable as a food for dairy cattle, though the stalk is sometimes considered too coarse. **Write for Prices.**

HUNGARIAN MILLET. This variety is one of the best adapted to northern conditions of any sort. It is better suited to cooler weather than any other kind, and under such conditions will mature seed which does not degenerate as does the northern grown seed of some sorts. **Write for Prices.**

JAPANESE MILLET. This variety is of a different family from the others. It does best on heavy, moist soil where it will usually produce two cuttings or a great amount of pasture. It is better for horses than the ordinary sorts. Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 65c; 50 lbs., \$2.50; 100 lbs., \$4.50.

Hog or Proso Type Millets

EARLY FORTUNE or RED PROSO. This red form of the proso or hog millet type is in especial favor for mixture in poultry foods and many tons are imported every year for that purpose. One of the surest crops in the Northwest, and especially valuable as a grain crop for late planting. Lb., 20c, postpaid. F. O. B. Bismarck, 10 lbs., 40c; 50 lbs., \$1.00; 100 lbs., \$1.75.

BROOM CORN or HOG MILLET. This is the most common of the millets grown for seed production. The seed is an excellent feed for hogs, cattle and poultry. It is said to be very good also as a breakfast food for human consumption. The seed has very high food value. A great drought resister. Color whitish yellow. Postpaid. Lb., 20c. F. O. B. Bismarck, 10 lbs., 50c; 50 lbs., \$1.25; 100 lbs., \$2.00.

TURGHAI PROSO. We are exceedingly glad to be able to offer once more this very excellent variety of proso. We believe it to be the heaviest yielder of any proso, the earliest, and a tall growing, non-lodging variety as well. The seed is a rich, dark reddish brown in color, and of very beautiful appearance. Sells on the market at red proso prices. Very valuable as poultry feed for all kinds of stock, the straw also having unusually good feeding quality. Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 50c; 50 lbs., \$1.75; 100 lbs., \$2.75.

Sunflower Seed

Valuable as a poultry and parrot food, as a food for human consumption often going under the name of Russian peanuts, and also for silage. Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.25; 50 lbs. or more @ 10c.

NOTICE—These prices subject to change. Our blue price list issued once or twice each month gives latest prices and may be had on request.

NOTE ALSO THAT ALL PRICES INCLUDE COST OF SACKS.

We are marking our germination and purity tests on bulk shipments of seed grain, field seeds, and seed corn. These tests are arrived at by careful and scientific methods, and are as nearly exact as we can make them. It must be understood, however, that they are only for customer's guidance and are not a guarantee. Always make your own tests of seed grain and field seeds. **Field seeds and grain are sold under the non-warranty clause on Page 2.**

SEED BARLEY

HANNCHEN. This is an excellent malting barley of the two row type. Two row barley seems to be best for the Great Plains portion of the Northwest and the Hannchen has been consistently the best yielding variety at the Dickinson Sub-Station for many years. We have a very fine stock. Lb., 20c, postpaid. F. O. B. Bismarck, $\frac{1}{2}$ bu., 60c; bu., \$1.00; larger lots @ 90c.

SIX ROW. This is a good quality of seed barley which gave an excellent yield last year but which is not identified as a definite sort. Lb., 20c, postpaid. F. O. B. Bismarck, bu., 80c; larger lots @ 75c.

N. D. R. NO. 2121. This is a rather new production of the N. D. Experiment Station. It is a selection of the Manshury 6 row type which has been uniformly high yielding and of excellent quality. Lb., 20c, postpaid. F. O. B. Bismarck, $\frac{1}{2}$ bu., 55c; bu., \$1.00; larger lots @ 95c.

TREBI. This is perhaps our heaviest yielding barley and the best for feed purposes. It is a strong growing six row variety which has given good results everywhere, but is not suitable for malting. Lb., 20c, postpaid. F. O. B. Bismarck, $\frac{1}{2}$ bu., 50c; bu., 95c; larger lots @ 85c.

WHITE HULLESS or BALD BEARDED. A very early, six row barley without beards and which threshes out of the straw like wheat. Very useful for hogging off, due to the lack of beards. Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 40c; 100 lbs., \$3.50. Prices furnished on Charlotte Town and Wts. No. 38 upon request.

SEED FLAX

GOLDEN FLAX. Certified. The new high yielding, disease resisting variety that has given such excellent results in all recent trials. Supply very limited and we are fortunate to be able to offer it. Lb., 40c, postpaid. F. O. B. here, 10 lbs., \$1.00; $\frac{1}{2}$ bu., \$2.75; bu., \$5.00.

BISON. This variety seems to be the most popular for several reasons. It is both wilt and rust resistant, it is large seeded and heavy yielding, very tall and bushy. Lb., 35c, postpaid. F. O. B. Bismarck, 10 lbs., 50c; $\frac{1}{2}$ bu., \$1.50; bu., \$2.80. Certified Blue Tag at 25c per bu. higher.

LEAAN SEED FLAX. This is unpedigreed flax seed of good quality, suited for breaking planting. Lb., 30c, postpaid. F. O. B. Bismarck, $\frac{1}{2}$ bu., \$1.50; bu., \$2.50.

SPELTZ OR EMMER

SEED SPELTZ or EMMER. This is the ordinary speltz grown throughout the state and without a pedigree. Fine horse, hog, poultry and cow feed. Lb., 20c, postpaid. F. O. B. Bismarck, 10 lbs., 25c; bu. (40 lbs.), 75c; 100 lbs., \$1.75.

YAROSLAV EMMER or SPELTZ. This is a carefully selected special variety, of higher yield than the common. Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 30c; bu. (40 lbs.), 85c; 100 lbs., \$1.90.

PROLIFIC SPRING RYE

This is a new spring rye which very much out-yields the common sort, supply is limited and hard to locate. A very large type. Lb., 30c, postpaid. F. O. B. Bismarck, $\frac{1}{2}$ bu., 80c; bu., \$1.50.

PRICES ON WINTER WHEAT AND RYE FURNISHED AFTER JULY 15TH.

SEED OATS

VICTORY. This is the standard mid-season oat and is of the Swedish Select type but somewhat improved. Very popular over the Northwest and a fine yielder. The grain is very plump and heavy. Lb., 20c, postpaid. F. O. B. Bismarck: $\frac{1}{2}$ bu., 35c; bu., 65c; larger lots @ 60c.

N. D. CERTIFIED VICTORY. Lb., 25c, postpaid. F. O. B. Bismarck, bu., 80c (blue tag).

GOPHER. These are perhaps the best all around oats for North Dakota today and increase in popularity each year. Very early and at the same time very heavy yielding. A product of the Minn. Experiment Station. Lb., 20c, postpaid. F. O. B. Bismarck, $\frac{1}{2}$ bu., 35c; bu., 65c; larger lots @ 60c.

KHERSON or SIXTY DAY. The earliest oat and hence ripens before wild oats; suited to dry conditions, and a good yielder. Lb., 20c, postpaid. F. O. B. Bismarck, $\frac{1}{2}$ bu., 35c; bu., 65c; larger lots @ 60c.

RAINBOW. This is one of the newer varieties which has been very good in the lower and moister sections. Its chief value is its rust resistance. In this district it has not equaled Victory with which it classes as a mid-season variety. Postpaid, 1 lb., 20c. F. O. B. Bismarck, $\frac{1}{2}$ bu., 40c; bu., 70c; larger lots @ 65c.

HARD WHEATS

MARQUIS. Grown and selected for us from Canadian stock. We believe it to be unusually perfect stock. Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 40c; $\frac{1}{2}$ bu., 90c; bu., \$1.75; larger lots @ \$1.70.

CERES. This wheat is fast making a high place for itself. Drought, rust and heat resistant. Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 40c; $\frac{1}{2}$ bu., 90c; bu., \$1.75; larger lots @ \$1.70.

THATCHER. The new rust resistant wheat from the Minnesota Experiment Station which did so well last season. Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., 65c; $\frac{1}{2}$ bu., \$1.60; bu., \$3.00.

REWARD. An early variety from Canada that seemed to make a very good crop the past year in spite of the rust. A week earlier than Marquis. Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., 50c; $\frac{1}{2}$ bu., \$1.20; bu., \$2.25.

DURUM or MACARONI WHEAT

KUBANKA. We have come to the conclusion that for general excellence in every way the Kubanka still holds first place. We have a wonderfully pure stock this year of excellent quality. We advise anyone who wants to get clean seed again to take this opportunity. Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., 40c; $\frac{1}{2}$ bu., 85c; bu., \$1.60.

MINDUM. Another durum which again proved itself very rust resistant the past year. An amber durum of high quality. Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., 40c; $\frac{1}{2}$ bu., 85c; bu. or more @ \$1.60.

NORTH DAKOTA SPRING SEED RYE

First quality North Dakota grown seed rye of high purity and germination. Spring rye is scarce and hard to find. Lb., 25c, postpaid. F. O. B. Bismarck, $\frac{1}{2}$ bu., 55c; bu., \$1.00; larger lots @ 90c.

WILL'S PIONEER BRAND GRASS SEED

WILL'S EMERALD LAWN MIXTURE

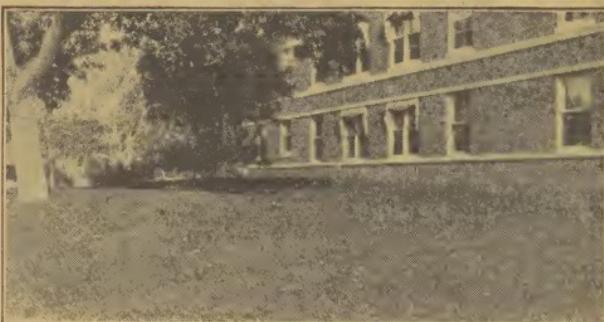
Registered U. S. Patent Office.

The Emerald Mixture has been planted in North Dakota and the Northwest for 40 years, and beautiful lawns throughout the Northwest testify to its excellence.

This mixture contains no coarse seeds and is composed of the best varieties of the very best quality obtainable. Kentucky Blue grass is the foundation of the mixture.

EMERALD is the finest and best mixture for the lawn that can receive proper care; accept no substitutes for it. Postpaid, 1 lb., 33c. F. O. B. Bismarck, 5 lbs., \$1.25; 10 lbs., \$2.40; 50 lbs., \$11.00; 100 lbs., \$20.00.

We include no white clover but can supply it to those desiring it at prices shown on page 51. 40c per lb., postpaid.



An Emerald Lawn in Bismarck

Use Red Top for shady places—use Fairway Strain Crested Wheat Grass Seed or Buffalo Grass Sod or Stolons for lawns without water.

WILL'S DAKOTA LAWN MIXTURE

This is a utility mixture for those who do not wish to give the necessary care and attention for the fine lawn and yet want a nice appearing grass plot around the house, also useful for street boulevards and large public building grounds.

Made up of coarser and harder grasses, it still requires some water. Clover may be used with it to advantage. Postpaid, 1 lb., 33c. F. O. B. Bismarck, 5 lbs., \$1.25; 10 lbs., \$2.40; 50 lbs., \$11.00; 100 lbs., \$20.00.

Directions for Sowing a Lawn

Only ground which has been broken at least a year and is mellow and easily worked should be seeded for a lawn. After spading up and pulverizing thoroughly and smoothing with a rake, the seed should be blown away. After seeding, rake in thoroughly with a double motion of the rake, forward and back. If a roller is available much better success will result if a good rolling is given after seeding. The prepared lawn should then be heavily soaked with water and not allowed to dry out until the grass is well up and the whole surface green.

All sorts of soils contain weed seed, and the black soil haulled on for lawns is often very weedy. Do not blame these weeds to the seedsmen who can furnish you with the official purity test of his seed.

We shall be glad to give advice and make up special mixtures for airports, parks, public school grounds, football fields, etc.

CRESTED WHEAT GRASS. The hardest and most drought resistant grass yet discovered. Introduced by the Department of Agriculture and especially well tested and recommended after years of work by the Dickinson sub-experiment station under the direction of Mr. Moonaw. Also carefully tested and very favorably reported upon by the U. S. Northern Great Plains Field Station at Mandan. Mentioned as an outstanding variety for the great plains in articles in the Country Gentleman, etc., last winter. Lb., 70c, postpaid. F. O. B. Bismarck, 5 lbs., \$3.00; 10 lbs., \$5.50; larger lots @ 50c per lb.

FAIRWAY STRAIN CRESTED WHEAT. A strain developed at the Saskatchewan Experiment Station primarily for golf courses and lawns but it has become valuable for many other purposes. Foliage finer and in greater amount and the plant more spreading than in the common strain. Lb., postpaid, 75c. F. O. B. Bismarck, 5 lbs., \$3.25; 10 lbs., \$6.25; 25 lbs., \$15.50; larger lots @ 60c.

BUFFALO GRASS PLANTS. This native grass, which seldom produces viable seed, is undoubtedly the most perfect lawn grass for dry conditions in existence. It spreads by means of runners, throws up no tall stalks, but produces a dense mat on the ground—the bent grass of the plains. We list this grass by the 100 plants or stolons. The plants are set out from 6 to 15 inches apart each way. In one season the whole area should fill in. Price per 100 plants, postpaid, 80c (enough for about 110 square feet of planting). We have a limited amount of seed which will grow 10 to 30 per cent @ 20c per oz., postpaid.

WESTERN WHEAT GRASS (*agropyron smithii*). **Big Blue Stem:** the most famous grass of the Great Plains region. Listed for the first time as the seed germinates well only in occasional years, and this happened to be a year of very high germination. Valuable mainly for permanent seeding down for pasture and hay both. Lb., postpaid, 35c. F. O. B. Bismarck, 5 lbs., \$1.25; 10 lbs., \$2.25; 50 lbs., \$10.00; 100 lbs., \$18.00.

WESTERN RYE OR SLENDER WHEAT GRASS. Hardy, drought resistant, of good quality, a native variety. It stands cutting better than the bromo grass and the hay is better on account of its finer foliage. Postpaid, 1 lb., 35c; 5 lbs., \$1.25. F. O. B. here, 15 lbs., \$3.00; 50 lbs., \$7.50; 100 lbs., \$14.00.

BROME GRASS—BROMUS INFERNS (Austrian or Russian). Brome Grass is an exceedingly variable pasture grass, especially for early Spring and late Fall. 1 lb., 33c, postpaid. F. O. B. here, 15 lbs., \$3.00; 50 lbs., \$8.50; 100 lbs., \$16.00.

KENTUCKY BLUE GRASS. The foundation of hardy lawn grass. We handle nothing but the fancy, clean seed, the very best procurable, without regard to cost. Sow 20 pounds per acre. Heavy weight seed. 1 lb., 40c postpaid. F. O. B. here, 5 lbs., \$1.50; 10 lbs., \$2.50; 50 lbs., \$11.00; 100 lbs., \$20.00.

RED CANARY GRASS OR PHALARIS. This is a native of the low flooded sections of our Missouri River bottom lands and the sloughs of Minnesota. Will not stand heavy alkali. The best grass for wet spots that we have. Lb., postpaid, 75c. F. O. B. here, 5 lbs., \$3.00; larger lots at 50c.

CREEPING BENT GRASS SEED. This is very popular for lawn grass purposes and makes a wonderful lawn after it

is once established. Must be planted and tended very carefully until it has made a small growth. Requires lots of water. Lb., postpaid, \$1.25. F. O. B. here @ \$1.10 per lb.

GREAT PLAINS PASTURE MIXTURE. This is an item for which there seems to be an increasing demand. The mixture which we list is one recommended by Dr. Hansen at the N. D. Experiment Station. It consists of 6 lbs. brome grass, 1 lbs. crested wheat grass, 5 lbs. slender wheat grass, 3 lbs. yellow blossom sweet clover. 18 lbs. or enough for 1 acre. \$4.00; 100 lbs., \$20.00.

MEADOW FESCUE or ENGLISH BLUE GRASS. This grass is one of the finest grasses for the Northwest. It also withstands severe cold very well. Postpaid, 1 lb., 30c. F. O. B. here, 10 lbs., \$2.00; 50 lbs., \$7.50; 100 lbs., \$14.00.

PIONEER BRAND TIMOTHY SEED. We offer only North Dakota grown Timothy seed which is from acclimated fields. 1 lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.00; 50 lbs., \$4.00; 100 lbs., \$7.00.

RED TOP or HERD'S GRASS. Useful in the Northwest principally for seeding low moist spots, slough beds, basins, and any place where the water may stand at times. Lb., 30c, postpaid. F. O. B. here, 10 lbs., \$2.00; 50 lbs., \$9.00; 100 lbs., \$16.00.

Pioneer Brand Alfalfa Seed

We can furnish a free booklet on alfalfa growing on request.

CLOVER AND ALFALFA SEED PRICES SUBJECT TO CHANGE WITHOUT NOTICE—VALUE SENT IF PRICES ARE HIGHER—SACKS INCLUDED IN PRICES

LADAK ALFALFA—THE LATEST ALFALFA SENSATION

LADAK is a variety originated in the very high, mountainous sections of India. It has proved, under Northwestern and Great Plains conditions, to be the hardest, most drought resistant and heaviest yielding variety so far known. In addition it has considerable wilt resistance. The supply is very limited.

REGISTERED N. D. GROWN AND CERTIFIED GRIMM.

Officially sealed and tagged

This is officially registered and certified seed from fields of Grimm which have been officially inspected and the seed officially graded, and whose pedigree is on file with history of the field in the office of state authorities. Grimm still remains the favorite for hardiness and yield. If you wish to sell your seed at a premium, plant this seed. **Blue tag** 1 lb., 50¢, postpaid. **F. O. B.** here, 10 lbs., \$3.90; 50 lbs., \$17.50; 100 lbs., \$35.00.

NORTHWESTERN AFFIDAVIT GRIMM. This is genuine Grimm alfalfa which comes to us with the affidavit of the grower and the pedigree of the seed, but which is not registered and certified, and probably could not be. We do not recommend it to those who wish to grow seed, therefore, but to those who wish to grow feed this affidavit Grimm represents a considerable saving in price. 1 lb., 40¢, postpaid. **F. O. B.** here, 10 lbs., \$3.50; 50 lbs., \$16.00; 100 lbs., \$31.00.

NORTHWESTERN, SECOND GRADE. This is seed of less handsome appearance and not as high purity and germination as the best, but very satisfactory if seeded a little heavier. Supply limited. Write for prices.

MONTANA STATE BLUE TAG CERTIFIED. We refer you to articles in the Country Gentlemen and other agricultural publications last winter for further information. A very short crop due to the drab, 1 lb., \$1.00; 5 lbs., \$4.50.

NORTHWESTERN GROWN VARIEGATED ALFALFA. The fact has become pretty well established that only the strains of alfalfa with variegated flowers are hardy in the Northwest. Such strains are Grimm, Liscomb, Cossack, Baltic, etc. The seed which we offer under this head is seed from fields with variegated bloom but for which the grower has no pedigree. The mere fact of hardiness and variegated blossom proves that it belongs to one of the hardy strains. 1 lb., 40¢, postpaid. **F. O. B.** Bismarck, 10 lbs., \$3.40; 50 lbs., \$15.50; 100 lbs., \$30.00.

REGISTERED N. D. GROWN COSSACK. This is an exceptionally hardy alfalfa brought from Siberia by Professor Hansen. It is a heavy yielder as well as being very cold and drought resistant. Very similar to Grimm in all respects as shown by our many years' trial. We are informed by ranchers of the Little Missouri Bad Lands that the Cossack is preferable to Grimm and a better yielder on the heavy clay or gumbo soil of that region. Each lot is lettered. **Blue tag** seed, 1 lb., 55¢, postpaid. **F. O. B.** here, 10 lbs., \$4.00; 50 lbs., \$18.00; 100 lbs., \$36.00.

AFFIDAVIT COSSACK ALFALFA. This is high quality seed from unregistered fields, but genuine Cossack and satisfactory for all purposes unless you wish to sell registered seed. 1 lb., 45¢, postpaid. **F. O. B.** here, 10 lbs., \$3.75; 50 lbs., \$16.50; 100 lbs., \$32.00.

Sweet Clover—for Pasture—Hay—Bees

Free Sweet Clover Booklet furnished on request.

ALPHA SWEET CLOVER—with the Good Qualities of Alfalfa. Another product of the Saskatchewan Experiment Station. Seems to combine the characteristics of both alfalfa and sweet clover, has many fine stems, is very leafy, more palatable than sweet clover. Probably an alfalfa-sweet clover cross. **Postpaid**, 1 lb., 40¢. **F. O. B.** Bismarck, 5 lbs., \$1.75; 10 lbs., \$3.00; 50 lbs., \$13.00; 100 lbs., \$25.00.

YELLOW BLOSSOM SWEET CLOVER SEED. Outside the lower and heavier soil sections of the Northwest the Yellow Blossom variety seems to be better adapted than the white. Its advantages over the higher and drier sections are greater hardiness as regards a combination of cold and drought, finer quality of hay, a crown like alfalfa so that it may be cut as close to the ground as one wishes. We have a wonderfully fine stock of seed. 1 lb., 25¢, postpaid. **F. O. B.** Bismarck, 10 lbs., \$1.25; 50 lbs., \$5.50; 100 lbs., \$9.00.

MIXED SWEET CLOVER SEED. For sowing on land where a catch is desired without breaking and cultivating, for scattering on old pastures and waste lands this mixed seed may be used to advantage and with considerable saving. Prices, **F. O. B.** Bismarck, 10 lbs., \$1.40; 50 lbs., \$4.50; 100 lbs., \$7.50.

WHITE BLOSSOM BIENNIAL. The Tall, Late Sort that is in greatest demand if you wish to sell seed. This is the only kind used in Iowa and Illinois where 90 per cent of the seed from the Northwest is sold. Must be cut high for hay as it grows from the bases of the branches. 1 lb., 25¢, postpaid. **F. O. B.** Bismarck, 10 lbs., \$1.25; 50 lbs., \$5.00; 100 lbs., \$8.00.

LOW GRADE SWEET CLOVER. Lighter weight seed than the best and must be seeded thicker. Sample on request. Supply limited. 10 lbs., 75¢; 100 lbs., \$6.00.

Pioneer Brand Clover Seed

WHITE DUTCH or LAWN CLOVER. White clover is a hardy, low growing, perennial variety that is used in some sections for pasture, and is universally used for lawns, either alone or in combination with grasses. For lawn use seed 1 lb. to 300 square feet or mix with grass seed at the rate of 1 lb. to 5 lbs. of grass seed. **Postpaid**, 1 lb., 50¢. **F. O. B.** Bismarck, 5 lbs., \$1.75; 10 lbs. or more @ 30¢.

MEDIUM RED CLOVER. While we have hesitated about advocating the Medium Red Clover for North Dakota, yet there are unquestionably a great many localities in this state and eastern Montana where it can be raised with profit. Does best in well watered land with a fairly deep soil and good drainage. Be sure and get our extra hardy and vigorous North Dakota grown seed.

1 lb., 40¢, postpaid. **F. O. B.** Bismarck, 10 lbs., \$3.00; 50 lbs., \$14.50; 100 lbs., \$28.00.

ALSIKE or SWEDISH CLOVER. This clover is hardy and cold resistant, and is a very valuable pasture plant. It is low growing, and if sown for hay should be mixed with other clover, timothy or red top. Its chief value in the Northwest is for sowing in very wet spots where water stands at times and other clovers will not grow. 1 lb., 40¢, postpaid. **F. O. B.** Bismarck, 10 lbs., \$3.20; 50 lbs., \$15.50; 100 lbs., \$30.00.

MAMMOTH RED CLOVER. This is similar to the medium Red but a heavier and ranker grower, an exceptionally valuable clover for pasture purposes. North Dakota grown seed. 1 lb., 40¢, postpaid. **F. O. B.** Bismarck, 10 lbs., \$3.00; 50 lbs., \$14.50; 100 lbs., \$28.00.



Greenhouse Department

We offer lovely reasonably priced Cut Flowers at all times. Bouquets, flower baskets and floral designs for any occasion. Prompt service always.
WE TELEGRAPH. We are members of the Florist Telegraph Delivery Association, and have over 5,000 members all over the world. Grammatical service to any place any time.

Flower orders for Christmas, Easter, Mother's Day and any other occasion will be forwarded by mail if received by us a week ahead of the date they are wanted.

EXPRESS. We recommend this service as faster, surer and safer than parcel post. Please examine all shipments on delivery, and if damaged or delayed, have the express agent make the proper notation on the receipt you will receive. We will be glad to enter claim for you, but must have the above receipt with notation of damage to establish the loss.

PARCEL POST. We list a postpaid price on all mailable articles and must ask that remittance be made at this rate if postal service is desired. All other prices are F. O. B. Bismarck, N. D. We cannot guarantee safe delivery of plants and flowers sent by parcel post and will not entertain claims for late or damaged delivery when sent this way.

Flowers-by-Wire

ONLY CUSTOMERS LIVING IN NORTH DAKOTA MUST ADD TWO PERCENT FOR SALES TAX TO THEIR REMITTANCE FOR NURSERY STOCK, DECORATIVE GREENHOUSE STOCK, INSECTICIDES, TOOLS AND SUPPLIES. THIS TAX DOES NOT APPLY TO SEEDS, ONION PLANTS OR VEGETABLE PLANTS.

FERNS

Easy to grow and care for. Postpaid prices, 3 in., 30c; 4 in., 55c. Mailed in paper pots. We do not mail the larger sizes. F. O. B. here, 3 in., 25c; 4 in., 50c; 5 in., \$1.00; 6 in., \$1.50. Shipped in clay pots, BOSTON (Sword Fern). Very popular and satisfactory. Furnished in all sizes.

WHITMANT. A handsome crested fern, with finer leaves and more compact than the Harrisoni and Boston. All sizes.

ASPARAGUS PLUMOSUS (Lace Fern). Lacy foliage and drooping fronds. Fine for jardinières, 3 and 4-inch sizes.

ASPARAGUS SPRENGERI (Feather Fern). Useful for window boxes, etc., both indoors and out. 3 and 4-inch sizes.

BADDO'S TEARS (Paddy's Wig). Popular moss-like plant, very small leaves, 4 inch only.

HOUSE PLANTS SHIPPED IN CLAY POTS

BEGONIA. Gracilis everblooming type. Excellent house plants, also for garden planting in season. In 4-inch pots, 45c each; 65c, postpaid delivery.

Furnished at any time.

Luminosa. Deep scarlet reddish foliage.

Prima Donna. Lovely rose-pink, green leaves.

FUCHSIA (Ladies Eardrop). A favorite house plant with pendant blooms of rose pink. In 4-inch pots, 45c each; 65c, postpaid delivery. Can be shipped from March on.

PELARGONIUM M. Lucy Becker. Rose pink, very free bloomer. 4 in., 45c; postpaid delivery. 65c each. Season March 15 to May 15.

PRIMROSE (Obconica Type). A favorite everbloomer. Deep pink. 4 in., 60c; 80c, postpaid delivery. Season October to May.

PHLOX (Doris). (Doris Ivy). A particularly "hardy" trailing vine for home conservatory or store. Heart shaped leaves. Requires little light.

In 3-inch pots, 50c each; 65c postpaid.

SANSEVIERA ZEYLANICA (Zebra Plant). A modernistic house plant. Leaves variegated white on green. 35c, 50c and \$1.00 each. Postage 20c on all sizes.



Boston Fern

BEDDING PLANTS In Paper Pots

Strong healthy plants from 3-inch pots. Much stronger than the usual $\frac{1}{2}$ inch plants and not to be compared with transplants. F. O. B. Bismarck, 10c each; \$1.00 per doz. Postpaid price, 15c each; \$1.40 per doz.

AGERATUM. Loveliest light blue border and edger. Dwarf.

COTTONS. Yellow, red and variegated. Also Trailing Queen.

GERMAN IVY. Bright green vine. Fine for window and porch boxes.

LOBELIA. Compacta. Deepest blue, dark foliage. 4-inch. Speciosa. Trail-ing. For window boxes, etc. **Tenuifolius**. Large dark blue. 16 inches high.

PETUNIA. Single type. The leader for bedding. Diener's Blue. Deep silky blue. Semi-dwarf. Giant Pink Glory. Flame rose pink.

Theodosia. Deep Columbia pink, heavily ruffled. Ruffled Monstera. Red, black center and assorted.

SALVIA. Fiery red, free bloomer. Makes a fine showing.

SNAPDRAGON. Large flowered, medium height. Bronze, yellow, pink and red. The finest garden cut flower.

SWEET ALYSSUM. Low everblooming border plant.

VERBENA. White, pink, deep cerise red and purple.

The following Plants and Vines from 3-inch pots. F. O. B. Bismarck, 20c each; \$2.00 per doz. Postpaid price, 25c each; \$2.50 per doz.

DAISY. Marguerite. Single white with yellow eye.

PETUNIAS. Prize Double. Fine plants in mixed colors. (See cut.)

FRANCKIA. Strong plants of the varieties listed below.

ENGLISH IVY. Dark green, for use indoors and outside. Much used for Ivy Bals.

VINCA VINES. The best for window boxes. Major—Dark green. Variegata—Light green and white foliage.

Exceptionally strong thrifty plants from 4-inch pots. F. O. B. here, 30c each; 3 for 85c; per doz., \$3.00. Postpaid, each, 35c; 3 for \$1.00; 12 for \$3.75.

CANNAS. Strong plants of all varieties listed under "Bulbs," next page.



Double Petunia

GERANIUMS. Strong heavy plants. Irvington Beauty. New rosy salmon pink. Improved Poitevina. Beautiful shrimp pink. La Favorite. Finest double white. Red Barney. Brilliant red. Free bloomer.

WILL'S GIANT BLOOM FANSIES. Sturdy free blooming transplants. 35c per doz.; 50 for \$1.15; \$2.00 per 100. Postpaid delivery price, 45c per doz.; \$2.75 per 100.

ANTERS. Wilt-resistant strains. Pink, lavender, purple and red.

CALENDULAS. Golden yellow.

SNAPDRAGON. All shades.

WATER PLANTS for pool or tub culture. Best varieties. Free cultural directions. No shipments before May 1st.

HARDY WATER LILIES. COMANCHE (bronze), CONQUEROR (red shaded white), MARLIAC WHITE, MARLIAC YELLOW. 75c each; 4 for \$2.65, delivered.

WATER HYACINTHS. 2 for 25c; 6 for 60c, delivered.

Will's Vegetable Plants

Plan to Plant
a Garden



Transplanted Cabbage Plants

(Please note Parcel Post and Express instruction on page 55. When at all convenient, shipment of plants by express is recommended as the quickest and safest way.)

	POSTPAID	F. O. B. BISMARCK BY EXPRESS	SPECIAL NOTE
CABBAGE, Early Transplanted	12 .50 100	12 .50 100 1000	
CABBAGE, Late Transplanted	\$0.30 1.00 \$1.75	\$0.20 .75 \$1.35 \$10.00	
CAULIFLOWER, Transplanted	.30 1.00 1.75	.20 .75 1.35 10.00	
CELERY, Trans. Self-Blanching	.35 1.10 1.90	.25 .90 1.65	
EGG PLANT, Trans. Early	.35 1.10 1.90	.25 .90 1.65 12.50	
GROUNDS CHERRY, Transplanted	.45 1.40 2.10	.35 1.15 2.00	
GROUNDS CHERRY, Potted	.40 1.25 2.15	.30 1.00 1.75	
PEPPERS, Transplanted	.40 1.25 2.15	.30 1.00 1.75 15.00	
PEPPERS, Potted	.40 1.25 2.15	.30 1.00 1.75	
TOMATOES, Transplanted	.40 1.25 2.15	.30 1.00 1.75 15.00	
TOMATOES, Potted	.40 1.25 2.15	.30 1.00 1.75	
TOMATOES, Yellow Plum, Trans.	.40 1.25 2.15	.30 1.00 1.75	
SWEET POTATO PLANTS	.30 1.00 1.75	.20 .75 1.35 10.00	

OUR BULBS
MUST MAKE
GOOD OR
WE WILL.

Summer Flowering Bulbs

Complete cultural directions with each order. All bulbs priced delivered.

Cannas

These stand at the head of all bedding plants where a massed effect is desired. Growing in popularity. Strong dormant roots. Each, 15c; 2 for 25c; \$1.25 per dozen.

CITY OF PORTLAND. 3 to 4 feet tall. A most valuable variety of bright pink. Green foliage.

KING HUMBERT. 4 to 5 feet. The most popular Canna. Orange-scarlet flowers. Bronze foliage.

THE PRESIDENT. 3 to 4 feet. Immense glowing scarlet with green foliage. Best of its type.

YELLOW KING HUMBERT. 4 to 5 feet. Large orchid-like yellow blooms. Vermilion spots. Green leaves.

CANNA PLANTS. See under "Bedding Plants" on preceding page.

OUR BULBS
MUST MAKE
GOOD OR
WE WILL.

Dahlias

Dahlias are the most gorgeous of all summer flowers, both as color in your garden and as cut flowers for indoor decoration. They bloom rapidly and may be kept from year to year. Our list for 1936 is especially attractive combining the older favorites and some fine new varieties. Each tuber at attractive prices. Each bulb stamped with variety number to prevent mixing. Packed separately in sawdust and wrapped in parchment paper to reach our customers in the best possible condition.

JERSEY BEACON. (Dec.) A bright Chinese Scarlet decorative of spectacular size and beauty. A buff reflex giving a two-toned effect. Each, 37c; 3 for \$1.00.

JANE COWL. The finest autumn tint decorative. Bronzy buff and old gold. An ideal plant for any garden. Each 37c; 3 for \$1.00.

LE GRAND MANITO. A grand decorative; color lilac striped purple. Sturdy prolific bloomer. Each, 25c; 3 for 63c.

JERSEY BEAUTY. Large clear pink decorative. A real 100% Dahlia of large size. Each, 37c; 3 for \$1.00.

LAURA MORIS. (Dec.) A perfect yellow Dahlia. Highly recommended as the best in its color. Each, 50c; 3 for \$1.25.

DAHLIA COLLECTION NUMBER ONE. One strong tuber of each of the above five Dahlias. A \$1.86 value for \$1.20, postpaid.

MINA BURGLE. (Dec.) Brilliant glowing scarlet of large size. Each, 22c; 3 for 57c.

MRS. L. DE VER WARNER. (Dec.) Orchid pink. Very large, strong grower, free bloomer. Each, 25c; 3 for 63c.

PURITY. (Dec.) A very fine large white. Each, 20c; 3 for 50c.

IOWA. (Dec.) A new maize yellow flushed pink decorative. Very attractive. Each, 37c; 3 for \$1.00.

BIG GUS. (Dec.) An improved Doazan giant orange scarlet. Sure to please. Each, 20c; 3 for 50c.

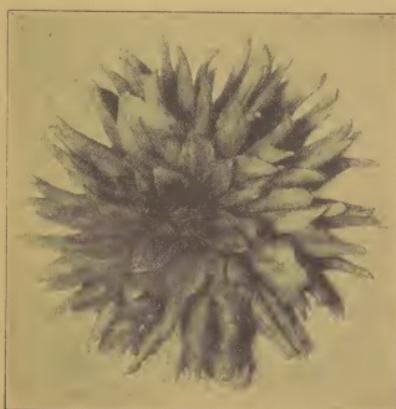
DARLINE. (Dec.) Scarlet shell-pink. Each, 20c; 3 for 50c.

DAHLIA COLLECTION NUMBER TWO. One strong tuber of each of the above six Dahlias. A \$1.44 value for 90c, postpaid.

A. SPECIAL TREAT FOR DAHLIA LOVERS. One Jersey Mammoth tuber free with order for both Dahlia Collections, if to be sent to one address.

CAPITAL DAHLIA MIXTURE

This bargain price assortment is not grown as a mixture but is made up of choice named sorts of all types and colors which have gotten mixed in handling and includes some of the finest sorts. Only 50¢ for 6; 12 for 90c, delivered.



The Better Dahlias

WILL'S BETTER GLADIOLUS

THESE modern beauties are simply wonderful for all flower garden uses and gain in favor each season. Will's list for 1936 includes most of the newer prize-winning varieties from the A. G. S. annual report of favorites. Our Gladiolus are young, high crowned and vigorous, absolutely free from harmful disease and insect pests especially thrips. Large size bulbs at lowest prices.

ALL BULB PRICES INCLUDE DELIVERY

Not less than 6 at dozen prices. Complete A. G. S. cultural directions with each order.

SPECIAL NOTICE. Varieties marked * before descriptions are included in our "Aristocrat" Offer of Prizewinners at a bargain price. This treat for your garden should be included in every order. See last column.

PINK

***PICARDY.** This wonderful "Glad" has drawn forth more favorable comment than any variety in recent years. Many large flowers of shrimp-pink with silver sheen of great size; good substance and tall. A real bargain at 3 for 25c; 75c doz., 100 for \$5.00.

BETTY CO-ED. Soft creamy pink. A beauty of lovely form and always admired. 15c each; 3 for 40c; 12, \$1.20.

MRS. LEON DOUGLAS. Salmon-pink with flame overlay. A prize winning giant. 3 for 17c; 12, 51c.

MILDRED LOUISE. A delightful warm salmon-pink. Very large and pleasing in all respects. 25c each; 3 for 70c; 12, \$2.00.

***GIANT NYMPH.** Soft light rose pink, yellow throat. Very popular. 3 for 17c; 12, 51c.

SALBACH'S ORCHID. The same lavender-pink as a Cattleya orchid. Exquisite, many open. 25c each; 3 for 60c; 12, \$1.80.

***MRS. P. W. SISSON.** A very refined appearing flower of soft cameo-pink. Tall fine spikes. 3 for 17c; 12, 51c.

***BETTY NUTHALL.** Of the richest salmon orange shading to yellow at throat. Very tall. Many nicely arranged flowers. 3 for 24c; 12, 72c.

RED

***RED PHIPPS.** Tall spike of many brilliant soft red flowers with charming sheen. 16c each; 3 for 45c; 12, \$1.30.

***AFLAME.** Very large flowers of flame red with rose overlay. A striking Prim. Grand. 3 for 17c; 12, 51c.

***COMMANDER KOEHL.** Very large clear scarlet red, many open. 14c each; 3 for 35c; 12, \$1.15.

RED LORY. Brilliant orange crimson; the entire spike of bloom is practically all open at one time. 30c each, 3 for 75c; 12, \$2.25.

***PURPLE GLORY.** A nice ruffled deep rich maroon, greatly admired. 3 for 17c; 12, 51c.

***MOROCO.** Very deep dark red, almost black. The best of its color. 3 for 24c; 12, 72c.

***DR. F. E. BENNETT.** Bright scarlet, many well-placed, blooms on tall spike. Exceptionally good. 3 for 17c; 12, 51c.

SMOKY

***EMILE AUBRUN.** A fine smoky rose red. Overcast bronze and gray. 3 for 17c; 12, 51c.

***BAGDAD.** Smoky old rose blending in throat to cream with pencilling. 18c each, 3 for 50c; 12, \$1.50.

***MARMORA.** A suffused shade of lavender-rose, deeper blotch. Many open and highly recommended. 3 for 20c; 12, 60c.

LAVIDER BRIDE. A smooth smoky lavender with nice blotch. Tall spike. 3 for 17c; 12, 51c.

LAVENDER AND BLUE

***VEILCHENBLAU.** Large flowers of rich violet-blue. Tall, strong spike. 3 for 24c; 12, 72c.

CHARLES DICKENS. Aster purple, deeper blotch. A favorite "blue." 3 for 17c; 12, 51c.

***AVE MARIE.** The best early light blue with deeper throat. Very pleasing. 3 for 24c; 12, 72c.

PELEGRIINA. Pure dark violet-blue. Two lower petals darker. An excellent shade. 22c each; 3 for 60c; 12, \$1.80.

MRS. F. C. PETERS. Rich lavender, purple blotch. Very dependable. Still one of the favorites. 3 for 17c; 12, 51c.

***MINUET.** Clear light lavender. A real beauty. Easily the best of its color and season. 3 for 24c; 12, 72c.

DR. MOODY. Light lavender with deeper overlay. Tall strong grower. 3 for 20c; 12, 60c.



Picardy

WHITE

MAID OF ORLEANS. One of the best new whites. Fine spike and placement. 20c each; 3 for 50c; 12, \$1.50.

***JOERGS WHITE.** Huge white, small red feather in the throat. A very popular white. 3 for 17c; 12, 51c.

YELLOW AND ORANGE

***LA PALOMA.** Brilliant orange, rich and different. Tall spike of wonderful florets. 3 for 24c; 12, 72c.

RUFFLED GOLD. Nicely ruffled light yellow with good spike. 3 for 25c; 12, 75c.

***PRIMROSE PRINCESS.** A large stately Primrose yellow. Lower petals amber. 3 for 20c; 12, 60c.

SPRITZ OF ST. LOUIS. Large flowered burnt orange, slight markings. 3 for 20c; 12, 60c.

LOYALTY. An excellent deep yellow, sure to please you. 3 for 24c; 12, 72c.

***GOLDEN DREAM.** Clear rich yellow, vigorous grower. One of the best. 3 for 17c; 12, 51c.

\$1.00 WILL'S 1936 ARISTOCRAT GLAD OFFER \$1.00

See Inside Back Cover for Picture.
This is our outstanding bulb value for 1936. A very fine selection of twenty prize winning Gladiolus varieties including such lovely sorts as Picardy, Red Phipps, Bagdad, etc. The best way to replace some of your worn-out Glads. Separately bagged and labeled. One large bulb of each of the twenty Glads marked with a star (*) on this page. Young vigorous stock. A \$1.72 value; in this offer for \$1.00; 3 collections, \$2.75.

WILL'S PIONEER GLADIOLUS MIXTURE

We have added new colors and new types to this popular collection keeping it, as always, a value we are proud to offer you. Large clean bulbs. 12 for 30c; 45 for \$1.00; 100 for \$2.00.

"ECONOMY" SELECTION OF FINEST MIXED GLADIOLUS

Blooming size (3 and 4's) bulbs in a pleasing assortment of color. These blooms will be from one to two weeks later than the Pioneer Offer. 65 for \$1.00; 100 for \$1.45; 1,000 for \$12.50.

MADEIRA VINE BULBS

Large dry bulbs of this popular climber. Light green foliage. Rapid grower. 12c each; 3 for 30c; \$1.00 per doz.

Pioneer Nursery of the Northwest

BISMARCK NURSERY (ESTABLISHED 1882)

Oldest Nursery in North Dakota—Member American Association of Nurserymen

NOTICE TO CUSTOMERS: READ CAREFULLY. We use our utmost endeavors to see that all stock shipped out is true to name and of the quality represented or better. In event that goods upon receipt prove to be wrongly marked or inferior we shall be glad to refund customer's money or replace the stock as he may elect. We are not responsible for damaged goods in transit, therefore you must examine at the express or freight office, and have any damage noted upon your express or freight receipt. We are always glad to replace goods injured in transit, providing receipt showing damage is returned to us so that we may enter claim and reimburse ourselves.

We do not guarantee safe delivery of mail orders but pack them just as well as we possibly can, and they are nearly always delivered in good condition.

Special Nursery Premium. With every twenty-dollar order for nursery stock we offer free one year's membership in the North Dakota Horticultural Society. This includes receipt of the monthly bulletin, and free plant premiums.

REPLACEMENT. If stock arrives in good condition and our planting instructions are followed, we are willing to replace once any stock lost, at half price.

CURRENTS AND GOOSEBERRIES are subject to certain restrictions in countries where 5-leaved pines grow, and we do not ship into such territory.

TREES BY MAIL. We can ship parcels up to 70 pounds. Where postage is not included, we will send stock C. O. D. to cover postage, you paying postage on receipt of trees.

FALL PLANTING. Peonies and other perennial flowers do exceptionally well when planted in Fall. Ask for special Fall Price List. Can also supply trees, shrubs, etc., at current catalog prices in Fall.

PLANTING INSTRUCTIONS. Complete planting instructions will be enclosed with each order of nursery stock when shipped.

SHIPPING. Orders will be forwarded at our discretion and when we can ship. Orders are not taken for shipment on any special date unless specifically so acknowledged. Express is the safest and quickest way to ship. Prices are F. O. B. here, customers paying transportation unless postpaid prices are definitely quoted.

CANADIAN ORDERS must go by freight or express, and must be received by us before May 1st. Permit number must accompany order.

VISITORS WELCOME. We are always glad to conduct you personally through our nurseries. Call at office on Fourth street, or go south on Seventh street, which will bring you into the nurseries.

CERTIFICATE OF EXAMINATION. Our nurseries are inspected annually by the State Horticulturist and his certificate accompanies each shipment.

Trees for Yard and Shelter Belt

Customer Pays Transportation Except Where Marked Postpaid.

Shelter Belt and wood lot planting is a vital subject today and weather conditions seem favorable to starting new groves in the Northwest. Last spring the U. S. Forest Service planted over a million cottonwoods for woodlots in North Dakota, as well as many acres of elm, ash, Chinese elm, caragana, etc., on the Great Plains Shelter Belt.

NORTH DAKOTA CUSTOMERS MUST ADD TWO PERCENT FOR SALES TAX TO THEIR REMITTANCES FOR NURSERY STOCK, DECORATIVE GREENHOUSE STOCK, INSECTICIDES, TOOLS AND SUPPLIES. THIS TAX DOES NOT APPLY TO SEEDS, ONION PLANTS OR VEGETABLE PLANTS.



Box Elder Shade Tree.

NORTH DAKOTA COTTONWOOD—*POPULUS DELTOIDES*. The foundation of prairie tree culture in North Dakota, and the backbone of all the many groves which dot our state. The most rapid grower and freest from disease of any of the poplar family, once more the cottonwood is coming into its own and is in increasing demand. We have been headquarters for this tree for 50 years. Valuable for its quick growth both for shelter and wood, and it will produce successive crops of fuel if properly handled.

Collected Seedlings: 6 to 10 in., 100, 40c; 500, \$1.90; 1,000, \$3.25. 10 to 20 in., 100, 60c; 500, \$2.25; 1,000, \$4.00. 20 to 30 in., 100, 90c; 500, \$3.20; 1,000, \$6.00.

Nursery Grown Transplants: 3 to 4 ft., each, 10c; 10, 75c; 100, \$6.00. 4 to 6 ft., each, 16c; 10, \$1.25; 100, \$10.00. 6 to 8 ft., each, 25c; 10, \$2.00; 100, \$18.00.

GREEN ASH. Is one of our native trees and has come to be regarded as the very hardest tree under all conditions that can be planted. It is **drought resistant, alkali resistant, and insect resistant**. The only injury to which it is at all subject is the borer, and the damage from that is rather overestimated.

	100	500	1000
6-12 in.	\$0.85	\$3.25	\$6.00
12-18 in.	1.00	4.25	8.00
Each	10	100	
3-4 feet	\$0.15	\$1.40	\$12.00
4-6 feet	.25	2.00	18.00
6-8 feet	.35	3.00	25.00

BOY ELDER or MANITOBA MAPLE. The only representative of the maple family native to our state, and an old favorite for street and yard planting and to thicken up a windbreak. Hardy, long-lived, can be trimmed to make a very symmetrical shade tree. 5 at 10 rates. 50 at 100 rates.

Seedlings: 6 to 12 in., 100, 70c; 500, \$3.00; 1,000, \$4.50. 12 to 18 in., 100, \$1.00; 500, \$4.00; 1,000, \$7.00. 3 to 4 ft., each, 12c; 10, \$1.00; 100, \$8.00. 4 to 6 ft., each, 15c; 10, \$1.40; 100, \$13.00.

We have used your seeds often on the old farm near Barlow, N. D., and they were always good. In fact, the first trees we set out on the old place when it was all prairie in June, 1900, were 500 Cottonwoods bought from you. And I went by the old farm this spring and most of the trees were still there.



4 Year Old Cottonwoods.



Farm Windbreak of Chinese Elm

12 to 18 in., per 100, \$1.50; 3 to 4 ft., each, 2 ft., each, 70c; doz., \$7.00; 8 to 10 ft., each, \$1.50.

HARDY EVERGREENS for the NORTHWEST

Evergreens have proven to be the Most Drouth Resistant of All Trees



Farm Shelter Belt of Black Hills Spruce in N. D.

Evergreens listed below sent by freight or express only—all balled and burlapped
Nursery Grown, Transplanted Stock

BLACK HILLS SPRUCE. This is a sub-variety of the White Spruce, but is much harder. It has been growing in the Black Hills since glacial days and there is nothing in the way of blizzards, hot winds, drought and the like that it had not withstood for centuries before a white man ever saw it. This is one of the most attractive Evergreens and without exception the easiest to

SELECTED COLORADO BLUE SPRUCE—*PICEA PUNGENS*. An elegant Colorado species with feathery leaves of rich steel blue. Perfectly hardy anywhere in the Northwest. 12 to 18 in., \$2.00; 18 to 24 in., \$4.00.

NORTH DAKOTA BULL PINE—PINUS SCOPULORUM. This is a native Pine of the North Dakota Bad Lands, and the acme of hardness. It makes a handsome, stocky tree, beautiful the year round with its long dark green needles. We have a limited number of the specimen trees to which we call your attention. We sold a number for park purposes last year and the results have been wonderful. 12 to 18 in. each. 75c; 18 to 24 in. \$1.40.

SCOTCH PINE—*PINUS SYLVESTRIS*. A fast growing, long-leaved pine from northern Europe, which has demonstrated its hardiness over much of our section and is giving a good account of itself in a number of old plantings. Price, each, 2 to 3 ft., \$1.00; 3 to 4 ft., \$2.00; 6 to 8 ft., \$4.00.

JACK PINE. Fast growing, shorter leaved pine of Minnesota. Does well in sandy soil but not in heavy soil, 3 to 4 ft., each, \$1.50.
CREEPING JUNIPER—JUNIPERUS HORIZONTALIS. This is the lovely evergreen ground cover which we admire so much as it grows on the very tops of

BUSH JUNIPER—*JUNIPERUS COMMUNIS*. This is the native Juniper bush which is of very great value for foundation plantings and formal evergreen groups. Its maximum height is not over 3 feet with spread usually twice as great or more. Hardy and of handsome bluish green shaded to reddish in winter.

NORTH DAKOTA BAD LANDS CEDAR—*JUNIPERUS SCOPULORUM*. This is our native type of the Rocky Mountain Juniper, which is of more upright or columnar habit and of a more handsome bluish color than the common kind, as well as being the hardiest of its family. Our stock is all collected in the Bad Lands, grown and established at our nursery and sent out balled and burlapped. **12 to 18 in., \$1.00; 2 to 3 ft., \$2.50; 3 to 4 ft., \$4.50.**



Bad Lands Cedar

BLACK HILLS SPRUCE SEEDLINGS—By Mail or Express

This is the only variety of Evergreen seedlings which we can feel can be offered our customers with safety, as this is the **hardest of all the Evergreens** and we are positive that these will give the highest degree of satisfaction. We have bought a supply of seedlings again this year, ready for Spring shipment. Seedlings come 100 per bunch, so do not order less, as we positively will not break bunches. Package of 100, not prepaid, 4 to 6 inches, \$2.75; postpaid, \$3.00.

My order No. 16598 arrived Saturday and was set out the same day. Everything was as moist and nice as the day it left there. Couldn't ask stock to arrive in better shape. A satisfied customer, HASLETT B. LEIGH, Burley, Idaho.



American Elm

ornamental in addition to its value in wind-break and shelter belt planting. Perhaps the most drought resistant of any of the poplars; in appearance it is intermediate between the cottonwood and Balm of Gilead. 3 to 4 ft., each, 15c; doz., \$1.50; 50, \$6.00.

SILVER-LEAVED POPLAR. A very rapid grower with smooth gray bark. The deeply lobed leaves are a dark glossy green on their upper side and snowy underneath. The contrast of the white against the green is distinctive. We offer a stock of choice 2½ to 3 ft. trees. Each, 30c; 10, \$2.75.

HOLLEANA POPLAR. This is one of the most ornamental poplars, foliage is silvery beneath, shape tall and compact like a Lombardy, perfectly hardy as our stock is grafted on the native cottonwood. A particularly useful tree in landscape work, and very beautiful. A rapid grower. 4 to 6 ft., each, 65c; doz., \$6.50.

NORTH DAKOTA BURR OAK. This is one of the most permanent and beautiful of our native trees but rather difficult to transplant. We are furnishing the larger size balled and burlaped. We are also offering stocky young trees from the seedling bed. 6 to 8 ft., each, \$2.00. Large seedlings, each, 15c.

BLACK WALNUT. We are very glad to be able to offer at last a hardy strain of these fine trees. Our stock has been grown in our own nursery from seedlings of Minnesota origin and has survived perfectly with us. 3 to 4 ft. trees, each, \$1.00.

HORSE CHESTNUT or BUCKEYE. We have secured a very hardy stock of this handsome ornamental tree and recommend it highly. Price, each, balled and burlapped, 2 to 3 ft., \$1.00.

EUROPEAN MOUNTAIN ASH or ROANTREE—*SORBUS AUCUPARIA*. A very handsome hardy tree. The head is dense and regular, and very attractive when in bloom. From July until Winter these trees are covered with great clusters of bright red berries. A very choice ornamental tree. Special price, 4 to 5 ft. trees, each, 60c; 10, \$5.50.

DIAMOND WILLOW. Our best native willow and one of our most valuable trees. Produces in five or six years of growth fence posts of hard wood which will outlast the best posts of white cedar. Also by far the best firewood that can be found in the state. Easily grown. Seedlings, per 100, 75c; 500, \$2.50; 1,000, \$4.00. Cuttings, per 1,000, \$2.50.



Diamond Willow Fence Post

GOLDEN RUSSIAN. The best known of the Russian willows. The bark is a handsome yellow all year around. Valuable in windbreaks, and can also be trained into tree form. 2 to 3 ft., doz., 75c; 100, \$1.75.

Other Deciduous Trees

AMERICAN ELM—*ULMUS AMERICANA*. The elm is perhaps the most beautiful shade tree that can be grown. Our hardy native home grown stock is the finest that you can get and perfectly adapted to the Northwest in locations where it can receive a fair supply of moisture. 4 to 6 ft., each 35c; 10, \$3.00; 6 to 8 ft., each 60c; 10, \$5.00; 8 to 10 ft., each \$1.50; 10, \$14.00. Seedlings, 12-18 in., 100, \$1.00; 500, \$7.50; 1,000, \$14.00.

COTTONLESS COTTONWOOD. Several years ago, in company with Mr. Robert Wilson of the Great Plains Station at Mandan we made a selection of male trees at our nursery which we then cut back in order to force them to produce cutting wood. From those trees we have been propagating so that we are now able to list cottonwood trees which will produce no cotton. 4 to 5 ft., each, 35c; 10, \$3.00.

NORTHWEST POPLAR. A hardy, drought resistant poplar, native in parts of North Dakota and Manitoba. A handsome, fairly fast growing tree, useful as an



Northwest Poplar

ORNAMENTAL IN ADDITION TO ITS VALUE IN WIND-BREAK AND SHELTER BELT PLANTING. Perhaps the most drought resistant of any of the poplars; in appearance it is intermediate between the cottonwood and Balm of Gilead. 3 to 4 ft., each, 15c; doz., \$1.50; 50, \$6.00.

SILVER-LEAVED POPLAR. A very rapid grower with smooth gray bark. The deeply lobed leaves are a dark glossy green on their upper side and snowy underneath. The contrast of the white against the green is distinctive. We offer a stock of choice 2½ to 3 ft. trees. Each, 30c; 10, \$2.75.

HOLLEANA POPLAR. This is one of the most ornamental poplars, foliage is silvery beneath, shape tall and compact like a Lombardy, perfectly hardy as our stock is grafted on the native cottonwood. A particularly useful tree in landscape work, and very beautiful. A rapid grower. 4 to 6 ft., each, 65c; doz., \$6.50.

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DIAMOND WILLOW. Our best native willow and one of our most valuable trees. Produces in five or six years of growth fence posts of hard wood which will outlast the best posts of white cedar. Also by far the best firewood that can be found in the state. Easily grown. Seedlings, per 100, 75c; 500, \$2.50; 1,000, \$4.00. Cuttings, per 1,000, \$2.50.

GINNALA or AMUR MAPLE. This is a very hardy, small maple from Siberia, especially noteworthy on account of its beauty of shape and foliage and the glowing colors which it takes on in the Fall. Attains a height of 20 to 30 feet, is absolutely hardy and very ornamental. 18 to 24 in., each, 35c; 10, \$3.00; seedlings, per doz., 50c.

HACKBERRY. This is a native tree of handsome appearance somewhat resembling the elm. Rough bark, very hard wood. Makes a very fine street and lawn tree. 3 to 4 ft., each, 30c; 10, \$2.50.

CUT LEAF WEEPING BIRCH. This is one of our most beautiful ornamental trees, but has been rather difficult to start. We believe, however, that we have solved this difficulty by handling them somewhat like evergreens and selling them balled in moss. We have some splendid stock. 6 to 8 ft. Price, each, \$1.00.

AMERICAN LINDEN or BASSWOOD. One of the most beautiful of the native North Dakota trees. Also a wonderful honey producer. A perfect ornamental and a fine boulevard tree because of its shade and symmetrical shape. 4 to 6 ft., each, 70c.

HOPA RED FLOWERING CRAB.

This is one of Prof. Hansen's productions, and a most beautiful ornamental. It will attain the height of a small tree in time. In May it is a mass of dark crimson blossoms, the foliage has a distinct reddish tinge and the small fruits have the same handsome crimson color and are borne in profusion. Each, 75c; 10, \$7.00.

MAY DAY TREE. A handsome Siberian small tree or large shrub resembling our choke cherry but blooming much earlier. In fact its leaves and blossoms are about the earliest thing to appear in the Spring. Flowers in elongated clusters and very fragrant. In blossom the tree is a mass of feathery white plumes. 3 to 4 ft., each, 35c; 10, \$3.00. 4 to 6 ft., each, 50c.



May Day Tree

Flowering and Ornamental Shrubs

Besides the shrubs listed we include a section of hedge plants which are equally valuable for shrubby plantings, and we would refer you also to such of the native fruits as sand cherry, native gooseberry, chokecherry and wild plum which work well in ornamental plantings.

Prices given are F. O. B. here, customer pays transportation by express. Shrubs may be sent by mail for ten cents each added to prices. The lighter plants are used and are cut back before mailing.



Yellow Flowering Currant.

AMUR TAMARIX. We have obtained from Professor Yeager the very hardiest strain of this handsome shrub that we have seen. It is perfectly hardy here and very drought resistant. Foliage like that of a cedar tree, twigs tipped with spikes of pink flowers in late summer. We consider this one of our outstanding recent introductions. Price, each, 65¢; 5 for \$3.00.

BUFFALO or YELLOW FLOWERING CURRANT—RIBES AUREUM. One of the very hardiest and best shrubs for the Northwest, a native of our Little Missouri Bad Lands. In early May it is covered with very fragrant and handsome yellow flowers which are succeeded by a large black fruit that makes excellent jelly or jam, and is exceedingly ornamental as well. Foliage takes on bright shades in the Fall. Each, 35¢; 10, \$3.00.

TARTARIAN BUSH HONEYSUCKLE. The upright or bush form of the Honeysuckle and noted for the great profusion and fragrance of its flowers. Growing from 8 to 12 feet high (according to location), these tall graceful shrubs are extremely suitable for shrubby clusters and for individual planting purposes, especially in exposed locations, as they are the best wall in hardness. For hedges they are unsurpassable, being very ornamental in a trained hedge and will stand clipping to any desired shape or form. Mixed, 18 to 24 in., each, 25¢; 10, \$2.20; 50, \$10.00, 100, \$19.00. Pink or Red, 18 to 24 in., each, 30¢; 10, \$2.75; 50, \$12.50.

PURPLE LILAC. The old fashioned favorite and perhaps the most popular shrub in America even today. May blooming, its sweet fragrance and lovely spikes of bloom are not surpassed by any other shrub. Size 18 to 24 in., each, 35¢; 10, \$3.00; 2 to 3 ft., each, 35¢; 10, \$3.00.

CARAGANA FRUTICOSA. A little known shrub, has larger leaves than the pea tree and larger blossoms as well which come a little later in the season. Valuable as a shrub since it grows only half as tall as the pea tree. 18 to 24 in. Each, 50¢; 5, \$2.25.

SPIREA, Froebell. Blooms in early summer. This is a spirea of the bumelia type but somewhat larger than Anthony Waterer and in our opinion better adapted to more severe conditions. Flowers are a handsome pinkish red, a trifle lighter than the Waterer. Blooms on new wood and remains in flower for a long period. 12 to 18 in., each, 30¢; 10, \$2.50.

ABSOLUTELY HARDY SHRUB COLLECTION.

Will grow anywhere under hard conditions. WE OFFER ONE EACH OF THE SIX SHRUBS LISTED ABOVE. PRICE, \$2.00, F. O. B. Bismarck. List value, \$2.40.

SPIREA, Sorbaria. The ash-leaved spirea resembling a Mountain Ash in appearance. A most distinctive shrub with its large plumes of white and its distinct and handsome foliage. Much of the wood dies back in the Winter and new wood shoots up very early, upon which are borne the masses of flowers during the month of July. 18 to 24 in., each, 40¢; 10, \$3.75.

SPIREA, Opulifolia (Ninebark). A very hardy and handsome shrub attaining a height of 4 to 6 feet, bears flat clusters of handsome white flowers in early July and these turn to red seed containers which add to the appearance of the shrub during most of the summer. 18 to 24 in., each, 40¢; 10, \$3.75.

SPIREA, Van Houtte or Bridal Wreath. This is the most graceful of all the Spireas. In June it is a complete mass of small white flowers, well placed among its drooping branches. 12 to 18 in., each, 25¢; 10, \$2.00; 18 to 24 in., each, 30¢; 10, \$2.50.

SPIREA, Billardi. A hardy, vigorous growing shrub with flowers in terminal rose-colored and white spikes. Grows to a height of from 5 to 7 feet. 2 to 3 ft., each, 30¢; 10, \$2.75.

SPIREA, Alba or Salicifolia. This is a hardy native and the only native spirea in North Dakota. Resembles very closely the Billardi. 12 to 18 in., each, 30¢; 10, \$2.75.

SPIREA, Arguta. A beautiful hardy spirea which has given excellent results at the Great Plains Station at Mandan. The earliest of the spires, blooming before Van Houtte, flowers in massed umbels, color white. 18 to 24 in., each, 30¢; 10, \$2.75.

SPIREA, Thunbergii. A very early blooming sort, even ahead of the arguta and with us somewhat harder than the latter, and more dwarf. Maximum height, 5 ft. 2 to 3 ft., each, 40¢; 10, \$2.00.

SIBERIAN DWARF FLOWERING ALMOND. This is the strain introduced by Professor Hansen. A very dwarf plant not growing taller than 3 feet or a little more. Is exceedingly hardy and drought resistant, being a native of the driest parts of Siberia. It is a mass of bright pink flowers in early Spring which last for some three weeks, very fragrant and fine for cutting. Also handsome on account of the fall coloring of its foliage. A beautiful low hedge. 12 to 18 in., each, 35¢; 10, \$2.00; 25, \$7.00.

RED OSIER DOGWOOD—CORNUS FLORIDA. This is the handsome, red-barked dogwood which lends so much color to the winter landscape along our streams in western North Dakota. Hardier than the Siberian dogwood, it is fully as beautiful. Bears flat clusters of fragrant white flowers in early summer, followed by small white berries. The autumn colors are brilliant. Also known as kinni-kinnick or Indian tobacco. 18 to 24 in., each, 30¢; 10, \$2.50.

DOUBLE FLOWERING PLUM—PRUNUS TRILoba. Large, double rose colored flowers deeply clustered, blooming before leaves appear. Large three-lobed leaves. The ornamental early flowering shrub. Size 3 to 4 ft., each, 30¢; 5 for \$2.75.

For Nanking Cherry (Chinese Bush Cherry) See Page 73.



Van Houtte Spirea.



Hardy Tamarix.



Froebell Spirea.



The C. L. Young Home Showing Snowball in Bloom.

High Bush
Cranberry

CISTENA PURPLE-LAIVED SAND CHERRY. This is a very attractive shrub, the foliage being a rich purple all through the season. Very valuable as a plant to add color to the ordinary shrubbery clump. **2 to 3 ft., each, 50¢; 10, \$4.50.**

GOLDEN ELDER. This is a handsome yellow leaved form of the common elder and is of value to lend color in shrubbery groups. **18 to 24 in. Price, each, 40¢.**

COMMON BLACK ELDER. This is the common elder of the more northerly states and parent of the Golden. Height, 4 to 8 ft. Bears enormous clusters of white blossoms in July. **18 to 24 in. Price, each, 35¢.**

CHINESE PEACH. A close relative of the flowering almond which it closely resembles in appearance, height 4 to 7 ft. Blooms very early in the spring with many handsome pink tinted flowers. Perfectly hardy. **18 to 24 in. Price, each, 40¢; 5, \$1.75.**

HIGH BUSH CRANBERRY or PEMBINA BUSH—VIBURNUM AMERICANA. It is a native shrub, and flourishes on all but the driest soils. The leaves are a glossy green and are always free from insects. It is very highly valued for its beautiful foliage and early white flowers, but mostly for its **big clusters of red berries in the Fall.** Our native relative of the Snowball which it resembles very much in appearance. **18 to 24 in., each, 40¢; 10, \$3.75.**

NATIVE HAWTHORN, THORNAPPLE, or RED HAW (Crataegus). A shrub or small thorny tree, a hardy native, which is a mass of white flowers in Spring and after July is covered with large red berries of a beautiful shade which hang till late in the Fall unless eaten by the birds. It is difficult to transplant unless the stock has been transplanted from seed in the nursery as ours. A wonderful hedge plant. **Price, 12 to 18 in., each, 30¢; 5 for \$1.40.**

JUNEBERRY or SASKATOON — AMELANCHIER CANADENSIS. A native of this state, attaining a height of 6 to 8 feet, bearing white flowers very early in the Spring and producing a large number of ornamental edible berries. **Nursery grown, 18 to 24 in., each, 30¢; 10, \$2.75.**

CARAGANA PYGMAEA. This is a very dwarf shrub with bright yellow and very handsome flowers in May or June. Resembles brooms which are so valuable farther south. Scarce and hard to procure. **6 to 12 in. Price, each, 60¢.**

BLACK HAW or SHEEPBERRY—VIBURNUM LENTAGO. Another handsome native viburnum which attains a height of six to ten feet. Bears white flowers in flat clusters followed by blue black berries which remain through the winter. Thick, glossy leaves take on beautiful colors and shades in autumn. **12 to 18 in., each, 30¢; 10, \$2.75.**

RED BERRY ELDER. This type of elder is fully as handsome as the black and our stock is grown from Manitoba seed so that it should prove even harder in the Northwest. Very similar to the other type except that the berries are bright red instead of black. **3 to 4 ft., each, 35¢; 10, \$3.00.**

SUMAC, SMOOTH—RHUS GLABRA. Another very hardy and handsome shrub, native in the eastern part of our state. The handsome, much divided leaves turn a brilliant crimson in the Fall, and the fruit takes on a crimson hue in August. Is also beautiful at blossom time. Heavy plants. **18 to 24 in., each, 35¢; 10, \$3.00.**

SILVERBERRY—ELAFAGNUS ARGENTEA. The American cousin of the Russian olive. A less rank growing shrub, with many small yellow blossoms in the Spring of great fragrance. The unusual silvery color gives it great value in combination beds. **2 to 3 ft., each, 35¢; 10 for \$3.00.**

SALT TREE or HALIMODENDRON. A wide spreading shrub with blue-gray foliage, covered in early summer with numerous pale violet pea like flowers. The small, pale foliage and slender-stalked drooping flowers give the plant a graceful and airyness of its own and make it a very desirable shrub. **Absolutely hardy, will grow in salt or alkaline soil. Came to us from the Morden Station. Price, 18 to 24 in., each, \$1.00.**

POTENTILLA FRUTICOSA. A native shrub, hardy, drought resistant, distinctive with its bright green foliage and many bright yellow blooms resembling strawberry blossoms. Valuable as a low shrub in foundation plantings. **Postpaid, each, 30¢; doz., \$3.00.**

SNOWBALL — VIBURNUM OPULUS STERILIS. An old favorite the country over. Requires a favorable location and plenty of moisture. When conditions are favorable it is unsurpassed among the early blooming shrubs. The last of May or in the first week or two of June it becomes almost completely covered with dense round white flower clusters. **18 to 24 in. size, each, 45¢; 10, \$4.00.**



Elder Bushes



Sumac

LILAC Persian. This is a later blooming form of lilac with finer foliage and flowers. Does not freeze back as often as the common and is a very beautiful shrub. **12 to 18 in. Each, 30c; 10, \$2.75.**

LILAC, Villoosa. Blooms after the Persian in month of June. The flowers are of a lilac-white and are in dense clusters. **2 to 3 feet, each, 40c; 10, \$3.75.**

LILAC, COMMON WHITE. The old favorite with its pure white flowers of great fragrance. **18 to 24 in. Each, 35c; 10, \$3.00.**

LILAC, Villoosa. This is another late blooming variety. It resembles the Josikewa in most ways but has a handsome pink bloom, very fragrant. **3 to 4 ft. Each, 50c.**

FRENCH HYBRID—Charles X. This is one of the finest, wonderful clusters of huge size, color between lilac and violet. Hybrids do not spread from the root. Price, each, 50c, 18 to 24 in.; 5, \$2.25.

FRENCH HYBRID—Ludwig Spaeth. Extra hardy as is the variety above. Great clusters of deep wine colored bloom, double. Very free blooming. **18 to 24 in. Price, each, 50c; 5, \$2.25.**

FRENCH HYBRID, Pres. Grevy, Double. An extra fine bluish lilac. Price, 18 to 24 in., each, 60c; 5, \$2.75.

FRENCH HYBRID, Mde. Lemoine. A fine double white. Price, 18 to 24 in., each, 60c; 5 for \$2.75.

Shrubs for Both Hedge and Ornamental Planting

SIBERIAN PEA TREE—CARAGANA ARBORESCENS. The most popular of all the Russian and Siberian importations. Valuable alike for trimmed hedge, shelter belt or ornamental shrub and one of the very hardiest plants in existence. It is being used extensively and with the best results in farm plantings. Foliage resembles that of the locust, and a dainty yellow, pea-like flower covers the plant in late May or June. Bark a handsome green in color. **Price, 12 to 18 in., each, 6c; 10, 50c; 100, \$2.50; 500, \$12.00; 1,000, \$20.00; 18 to 24 in., each, 12c; 10, \$1.00; 100, \$6.00; 500, \$25.00; 1,000, \$45.00; 2 to 3 ft., transplants, each, 20c; 10, \$1.85.**

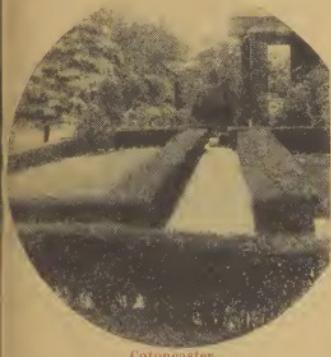


Siberian Pea or Caragana.

RUSSIAN OLIVE—ELEAGNUS ANGUSTIFOLIA. The hardiest of the Russian importations. Thrives on the poorest soils and withstands drought, heat and cold absolutely. It has small yellow flowers produced abundantly, replaced later by small silvery white, olive-shaped fruits. When trimmed it makes a beautiful ornamental and when cut back forms a most effective hedge. For hedging, plant 1 foot apart. **6 to 12 in., 10, 60c; 50, \$2.50; 100, \$4.00; 1,000, \$30.00. 12 to 18 in., 10, 80c; 50, \$3.50; 100, \$5.00. 18 to 24 in., each, 10c; 10, 90c; 100, \$8.00; 500, \$35.00.**

COTONEASTER. Acentifolia. This shrub, which is not only handsome in mixed plantings but unusually well adapted to the formal hedge under conditions where Privet is used in milder climates, is one of the most valuable of recent Asiatic introductions. The foliage is dark green and very glossy, flowers which come early are inconspicuous but are followed by handsome black berries which hang until very late. **6 to 12 in., 10, 75c; 50, \$3.00. 12 to 18 in., each, 20c; 10, \$1.00; 50, \$9.00.**

OLD MAN or RUSSIAN ARTEMISIA. One of our very hardiest and quickest-growing hedge plants. Will make a 4-ft. hedge in a month or two. Semi-herbaceous and kills back part way over Winter, but the new growth comes faster and stronger each year. Feathery branches covered with grayish green foliage and emitting a pleasant, pungent odor. **2 to 3 ft., each, 20c; doz., \$2.00; 50, \$6.00; 100, \$11.00.**



Cotoneaster.

BUFFALO or BULL BERRY (Shepherdia arg.). Red. A native shrub, hardy, especially adapted to dry conditions, with silvery foliage. Is a mass of brilliant red berries from early August until they are picked or eaten by birds. Named by the early French explorers as the bushes in fruit looked at a distance as though they were hung with fresh buffalo meat. The berries make an excellent jelly. **12 to 18 in., each, 30c; 10, \$2.75. 18 to 24 in., each, 40c; 10, \$3.75.**

BUCKTHORN. One of the most popular hedges where there is a fair amount of moisture and the soil is good. Cold resistant, and makes a beautiful and sturdy hedge. **Plants, 12 to 18 in., each, 18c; 10, \$1.50; 50, \$7.00.**

JAPANESE BARBERRY (Thunbergii). While not hardy in our climate under the most exposed conditions, this handsome plant is so popular and does so well in protected spots that we have decided to list it after growing it in our nursery for several years. **Price, 6 to 12 in., each, 30c; doz., \$3.25.**



Russian Olive Natural Hedge.



Virginia Creeper or
Woodbine



Virgin's Bower
Clematis

Few Roses are suited to the climate of the Northwest and nearly all require some Winter protection. Of those we list, Rosa Pratincola, Harrison's Yellow, Rosa Rubrifolia and Scotch are entirely hardy without covering. The Rugosa and its hybrids will kill back a trifle in severe Winters, but are generally hardy; all others should be cut back in the Fall and well covered, preferably with soil banked up, but at least with straw or manure. Add 10¢ to price of **Single Rose** if ordered postpaid.

PRairie ROSE (*Rosa pratincola*). Grown by us from seed. The North Dakota State Flower and the hardest and prettiest of the several wild Roses of the Northwest. Never grows taller than 2 to 3 feet and assumes a symmetrical bush shape which makes it ideal for low division lines. The large, single, pink blooms are followed by bright scarlet berries of good size. Each, 35¢; 10 for \$3.00.

RUGOSA HYBRIDS

AMELIA GRAVEREAUX (*Hybrid Rugosa*). One of the most handsome hybrids. The color is a rather brighter red than Hansa and the flowers, though smaller, are better formed and resemble the Tea Roses more. Very fragrant, medium hardy. Each, 50¢; 5 for \$2.25.



Amelia
Gravereaux

SIR THOS. LIPTON (*Hybrid Rugosa*). This is one of the hardest of the white Rugosa hybrids and one of the very best as to size and doubleness of the flowers as well, so we are offering it instead of the old white sort that we listed formerly. Each, 50¢; 5 for \$2.25.

GROOTENDORST or CARNATION ROSE (*Rugosa Polyantha Hybrid*). Something new in Roses. Handsome Rugosa foliage with flowers in clusters like its baby rambler parent. The flowers, however, resemble carnations more than anything else and are of a delicate pink shade which heightens the resemblance. Each, 50¢; 5 for \$2.25.

AGNES (*Hybrid Rugosa*). The only real **yellow** rose of this type. A handsome clear yellow of a shade varying as it is in full sun or not from very pale to lemon or darker. Blooms profusely and several times. Each, 60¢; 5 for \$2.75.

NEW CENTURY (*Hybrid Rugosa*). This is a handsome, light pink; bush rather low growing, 2 to 3 feet, but flowers of very large size. It is one of the harder sorts, with the handsome leathery foliage of the Rugosa. A Van Fleet production. Each, 50¢; 5 for \$2.25.

HANSA (*Rugosa Hybrid*). Crimson in color and one of the very hardest. Strong and upright in growth, handsome foliage and blooms throughout the Summer most profusely. Flowers keep well when cut. Each, 45¢; 5 for \$2.00.

SARAH VAN FLEET (*Rugosa Hybrid*). This is one of the newer Rugosa hybrids, a production of the famous Rose breeder, Dr. F. W. Van Fleet. This variety is exceptionally hardy, a thrifty, strong growing bush. Blooms heavily and almost continuously through the season. Flowers are very double, large and of a rose pink color. Each, 50¢; 5 for \$2.25.

Ornamental Vines

(See also Grape Vines on page 70)

VIRGINIA CREEPER or WOODBINE. Also called five-leaved ivy. One of the most popular and most valuable vines with handsome foliage, and blue berries in the late Summer. The deep red which it takes on in the Fall is especially striking. Each, 30¢; 10, \$2.75. Postpaid, each, 35¢.

CHINESE MATRIMONY VINE. Useful both as a vine or shrub. Not a good climber, but excellent to trail on walls, terraces, etc. A fast growing woody plant with drooping or trailing branches. Has lavender blossoms early and good sized ornamental red fruit which persists into Winter. Each, 20¢; 10, \$1.50. Postpaid, each, 25¢; 10, \$1.75.

PURPLE FLOWERED JACKMANI CLEMATIS. This is one of the less hardy large flowered type which produces a dense mass of purple in midsummer. Trial has demonstrated that it will thrive here with winter protection. Each, 90¢; 6, \$4.75.

CLEMATIS or VIRGIN'S BOWER. With its star-like white flowers and feathery seed heads this native is one of the handsomest of all climbers. It attains a new growth of 8 to 10 feet each year, but part of the old growth dies off. Each, 30¢; 10, \$2.50. Postpaid, each, 35¢.

ENGELMANN'S CREEPER (*Amp. Engelmanni*). A type of Virginia creeper, but having shorter joints and much smaller and thicker leaves. Its strongest feature is its ability to cling to brick, stone or plaster. This makes it valuable in covering walls and large buildings. It is quite hardy but we advise planting it in partially sheltered places. Each, 35¢; 10, \$3.00. Postpaid, each, 40¢.

NATIVE HOP VINE. This vine is very similar in appearance to the cultivated sort but is harder. A perennial root with new growth each year, which attains a length of 16 feet or more. A handsome, thick-growing vine that will thrive in almost any soil and under any condition. Each, 25¢; 10c, \$2.00. Postpaid, each, 30¢.

BITTERSWEET, *Celastrus scandens*. A very ornamental and absolutely hardy native climber. It produces orange-yellow flowers followed by showy crimson fruits in Autumn. The leaves are dense and glossy. Each, 35¢; 10, \$3.00. Postpaid, each, 40¢.



Engelmann's Creeper

Hardy Roses



Prairie Rose

OTHER ROSES

HARRISON'S YELLOW. The most popular bush rose in the Northwest, owing to its great hardiness, its sure blooming and the beauty of the thousands of little double yellow roses with which it covers itself every June. A briar type which gets to be 5 to 7 ft. high. **Each 60c; 5 for \$2.75.**

CRIMSON BABY RAMBLER (Dwarf Polyantha). Flowers similar to those of the climbers but plant forms a dwarf bush excellent for bed and as a pot plant. Blooms continuously throughout the Summer and flowers are a brilliant crimson in color. **Each, 50c; 5 for \$2.25.**

CRIMSON RAMBLER (Climber). The Crimson Rambler is the hardest of the climbers and will survive if laid down and covered with earth through the Winter. Grows 8 feet or more per year and in June is a mass of brilliant crimson blossoms in dense clusters. **Each, 50c; 5 for \$2.25.**

ROSA RUBrifolia. This is a perfectly hardy rose especially notable for the color of its stems and leaves, which is a bronze red. It is of particular value as a hedge plant and as a color relief in mixed plantings. **Each, 45c; 5 for \$2.00.**

PINK SCOTCH ROSE (Spinosissima), 2-ft. This is a very hardy and very heavy bearing rose which has been grown over the Northwest for many years under many names. A bush rose which blooms in late June and July, and in its compact and thrifty appearance is an ornament at all seasons. **Each, 75c; 5 for \$3.50.**



Harrison's Yellow.

CHOICE HARDY PEONY ROOTS

Deduct 5c per root on named sorts if ordered by express.

1935 PIONEER PEONY COLLECTION—PRICE \$1.00

One of the finest reds, **FELIX CROUSSE**; one of the finest whites, **COURONNE d'OR**; one of the finest pinks, **EUGENE VERDIER**. Special Price for the Three \$1.00, postpaid. Regular Price, \$1.20.



Couronne d'Or.

WHITE PEONIES

COURONNE d'OR (Late White). One of our best late peonies. Semi-rose type, of an ivory color with conspicuous crown of golden stamens in the center. Blooms large, excellent for cutting. Postpaid, each, 35c; 5 for \$1.50.

FESTIVA MAXIMA. The largest and finest of all white peonies. Rose type flower, very early and wonderful to cut. Postpaid, each, 45c; 5 for \$2.00.

MME. EMMIE LEMOINE. (Midseason.) This is also sometimes called ad pink. Its large full flowers are overlaid with a delicate pink. Large flowered, full blooming and vigorous. Postpaid, each, 65c; 5 for \$3.00.

BARONESS SCHROEDER. This is one of the very finest midseason whites. Rose type with an exceptionally perfect flower, and a free bloomer. Each, 60c; 5 for \$2.75, postpaid.



Baroness Schroeder.

FINE MIXED PEONY ROOTS

This is a mixture of named varieties of high quality and a generous range of colors. (Special color selections can not be supplied.) Price, postpaid, each, 20c; 10 for \$1.75.

RED PEONIES

FELIX CROUSSE. One of the finest of the reds, color of a rich ruby, full rose type bloom, late midseason in appearing. A sturdy plant with many blooms which are excellent for cutting and handsome on the stems. Postpaid, each, 45c; 5 for \$2.00.

KATE ROSENFIELD (Red). One of the finer sorts, comes in early midseason. A rich velvety crimson in color with a bloom in every shoot. Blooms large and strong. Postpaid, each, 60c; 5 for \$2.75.

PINK PEONIES

EUGENE VERDIER. This is a fine late blae pink peony. Notable particularly for its strong, upright growth and heavy blooms. Rose type, fragrant, very hardy. Postpaid, each, 40c; 5 for \$1.75.

THERÈSE. Rating 9.8. Perhaps the world's finest pink, rose type, satiny, develops a high crown as it matures, late midseason, heavy growth and sturdy. Postpaid, each, \$1.00; 5 for \$4.50.

MONS. JULIEN ELIE. This is undoubtedly the finest rose-pink peony in cultivation. The flowers are of tremendous size, very compact, and display class in shape, color and size. This is probably the largest peony known. Postpaid, each, 60c; 5 for \$2.75.

SARAH BERNHARDT. This is one of the finest pinks—of an apple blossom shade. Late midseason, rose type. A wonderful show peony. Postpaid, each, 60c; 5 for \$2.75.



Felix Crousse.

SOME PEONY ARISTOCRATS

MARY BRAND. One of the finest reds, midseason, rose type. Price, postpaid, \$1.20 each.

MONS. MARTIN CAUZAC. The darkest peony known, a beauty. Price, postpaid, \$1.50 each.

PHILIPPE RIVOIRE. The most perfect red. A late bloomer. Price, postpaid, \$1.75 each.

LE CYGNE. The most perfect of all peonies, white, mid-season. Price, postpaid, \$1.75 each.

Tourangelle. A delicate late pink, rose type. Price, postpaid, \$1.00 each.



Tourangelle.

The IRIS—Varieties for the Northwest



Bearded Iris

SILVER KING.	Lavender shading to white. Postpaid, each, 15c; dozen, \$1.50.
HONORABILIS.	This is the well known yellow and bronze variety that is so exceptionally hardy. Not a large flower but a good producer. Postpaid, each, 10c; dozen, \$1.00.
SMOKY.	A handsome iris resembling in color the Quaker Lady but a trifle darker and more reddish. A very handsome strong growing iris. Postpaid, each, 14c; dozen, \$1.40.
WHITE FALLEN.	Very pale yellow. This is a pure white iris of fair size, nice quality and delicate fragrance which has made it very popular. Postpaid, each, 15c; dozen, \$1.50.
JOHAN DE WITTE.	One of the finer sorts, though an older production, coming from Lemoine of France. Postpaid, each, 15c; dozen, \$1.50.
LORD OF JUNE.	A handsome iris with yellow standard and blue falls. Postpaid, each, 14c; dozen, \$1.40.
VIRGILIA.	One of the older Lemoine varieties, but still considered of high rank. Postpaid, each, 14c; dozen, \$1.40.
RHEIN NIKE.	A lovely blue and white iris, medium early and very handsome. Postpaid, each, 14c; dozen, \$1.40.
LEMON A. PUMILA.	This is an extra tall iris of very handsome blue and purple shaded falls and graceful. Has a very high rating. Postpaid, each, 20c; dozen, \$2.00.
MORNING SPLENDOR.	This is perhaps the best large red iris so far produced. Postpaid, each, 20c; dozen, \$2.00.
LORD OF JUNE	40 inches. Fragrant. The flowers are gigantic in size, measuring seven inches in length and it has a delicious cinnamon fragrance. Some iris in this class when dried out look like pigeons. The standards of Lord of June are of soft lavender blue and the falls rich violet blue. Postpaid, each, 22c; dozen, \$2.20.

1936 Pioneer Bargain Iris Collection

We offer one each of the following varieties:

Lord of June.	.22	Honorabilis, bronze10
Sherwin Wright, yellow.	.12	Sambo Pumila12
Morning Splendor	.20	Arenaria Dwarf, yellow..	.12
Smoky	.14	Quaker Lady15
Seminole	.15	Nokomis15
White Knight	.15		
		TOTAL VALUE, \$1.62	

11 FINE IRIS—Special Postpaid Price, \$1.00

FINEST MIXTURE OF IRIS—Named Varieties

We can not supply in separate colors, but every root in this lot is from a fine named sort. A real BARGAIN. Postpaid, each, 8c; dozen, 75c.

FANCY BEARDED IRIS

SHERWIN WRIGHT. This flower is a real sensation. The brightest and finest yellow to be found among the irises. Color a deep golden yellow. Postpaid, each, 12c; dozen, \$.12.

QUAKER LADY. This is an odd and unusually beautiful iris in soft tones; the standards are in smoky lavender and gold; the falls are a combination of blue, yellow and orange. Postpaid, each, 12c; dozen, \$.15.

NOKOMIS. A large fine iris with yellow standards and violet falls. Medium height. Postpaid, each, 15c; dozen, \$.15.

NOKOMIS. This is a sturdy, tall growing iris of great beauty. Standards are pale lavender white; falls, dark velvety violet blue with white edging. Postpaid, each, 15c; dozen, \$.15.

SEMINOLE. This is one of the finer irises. Color a rich velvety crimson of striking quality. Height, 30 in. Price, postpaid, each, 15c; dozen, \$.15.

BRUNO. A Dominion Seedling. Very large blooms; beautiful form; great substance. Standards, light purple with yellow flush at the base; falls, rich velvety deep violet. Price, postpaid, each, 20c; dozen, \$.20.

DWARF EARLY IRIS

SAMBO PUMILA. The earliest of all iris; a dwarf variety of uncommon beauty which blooms very early in the spring. Color a rich purple. Especially suited for edging and borders. By mail, each, 12c; dozen, \$.12.

ARENARIA. A very early yellow variety; groups well with the Sambo. By mail, each, 12c; dozen, \$.12.

DARK BLUE PUMILA. This is a trifle later and a few inches taller than the Sambo with a somewhat darker and larger blossom, fully as hardy and excellent in every way. Postpaid, each, 15c; dozen, \$.15.

WHITE PUMILA. This is another of the extra hardy dwarf varieties, same size as the dark blue, of a handsome silvery color, and a prolific bloomer. We have grown it and satisfied ourselves of its value before placing it on sale. Postpaid, each, 15c; dozen, \$.15.

EUROPEAN YELLOW FLAG, Iris pseudacorus. This is an exceptionally hardy iris, valuable for its size and vigor. Many of the flowers are a pale yellow. The plants attain a height of 3 to 4 feet, and a very short time and soon form a heavy clump. Very useful therefore in beds and landscape planting. Needs plenty of moisture to look its best. Each, 15c; dozen, \$.15, postpaid.

Beautiful Hardy Perennial Flowers

[Earliness indicated. This is a selected list including many of our exceptionally beautiful natives. Prices of all perennial roots unless otherwise noted Postpaid.]

PINK NEW ENGLAND ASTER. The largest and richest color of any of our native asters. Blooms in late August or early September. Height, 3 to 5 ft., with a dense mass of bloom at the top.

SHADY PLACE ASTER, BLUE. Another native attaining a height of 3 to 5 feet. Very similar in appearance to the beautiful New England aster but with lighter color; tall stemmed with handsome foliage. A fine plant for the shady places. Blooms in late August and September.

ACHILLEA (The Pearl). One of our finest hardy herbaceous border and bedding plants. Has pure white double flowers in dense clusters blooming from July until October. Also used much in cemeteries and for cutting purposes. 1½ feet.

ANEMONE or WINDFLOWER, Anemone canadensis. Has beautiful white flowers in June and July and will do especially well mixed in with partially shaded shrubbery. 12 to 18 in.

LEAD PLANT or AMORpha CANESCENS. This is one of our most handsome midsummer blooming native perennials. Grayish green foliage, long spikes of rich purple flowers with golden anthers. 18 inches to 2 feet. Blooms in late July.

AMORpha FRUTICOSA. This is a large relative of the lead plant, grows up to five or six feet tall, bushy, with long purple flower spikes in July. Leaves divided to resemble the pea tree or locust.

BOUNCING BET, Saponaria. An old favorite and one which we have found to be perfectly hardy. 12 to 18 inches high with a close head of white or pinkish white blooms at the top, resembling phlox very closely. Blooms throughout most of the Summer. Each, 15c; dozen, \$1.50, postpaid.

BABY'S BREATH, Gypsophila paniculata. A very graceful plant blooming in August and September, when it becomes a mass of minute, pure white blossoms, unexcelled for cutting. 2 feet.

BABY'S BREATH, BRISTOL FAIRY. This is the new double variety that has been so favorably received. The flower is much larger than the ordinary sort. Price, each, postpaid, 50c; dozen, \$.55.

BLEEDING HEART, Dicentra spectabilis. One of the very best old-fashioned garden plants and hardy in every respect. Very fine for borders or margins of shrubbery. Quite distinct and very scarce the last few years. Blooms in June and July. Each, 50c. Postpaid, each, 55c.



Baby's Breath

Columbines

RUD. COLUMBINI or **HONEYSUCKLE**. This old favorite is native throughout the east and into our state. Loves shady or semi-shady places. **Blooms from June 1 to July.** Height, 18 to 24 inches.

ROCKY MOUNTAIN COLUMBINE. The beautiful state flower of Colorado, where it grows under the harshest conditions. Few flowers surpass it in beauty. Varies in color from sky blue to very light. **Blooms in June and July.** Height, 18 to 24 inches.

LIBERTY BELL COLUMBINE. A native of Montana and Idaho; color yellow, straw color to nearly white. Heavy stem, **blooms in July**. Same height as other sorts.

HYBRID COLUMBINES. Varying shades from almost purple through yellows to white, mostly long spurred with drooping flower heads. Same height as others, bloom a trifle later.

CAMPANULA (Rapunculoides). This is a very hardy species, resembling the bluebell but about twice as large both in plant size and size of blossom. Grows 18 to 30 in. high.

DELPHINIUM, Belladonna. This is the finer growing sort with the very dark blue flowers. If cut the larkspurs will bloom all summer. **Postpaid, each, 22c; doz., \$2.00.**

DELPHINIUM, Belladonna. This is the heavy growing pale blue strain with the spire-like stalks of flowers. **Postpaid, each, 22c; doz., \$2.00.**

GAURA COCCINEA. This is a pretty native, useful in dry locations. About 10 in. tall with a graceful spike of pink flowers. Blooms in late June and July.

GOLDEN GLOW, Rudbeckia. Very free flowering and one of our most attractive Autumn flowering perennials for massing or mixed borders, producing beautiful golden yellow flowers in great profusion from **August until October**. 5 to 6 feet.

GOLDENROD, Dwarf Early. This beautiful and graceful flower of late August and the fall months responds very well to cultivation. 12 to 18 inches.

GAILLARDIA or BLANKET FLOWER. One of the showiest and hardiest of the perennials. **Blooms from July to frost** and presents a mass of red and yellow that is very striking. Valuable for cutting and a good keeper. A close relative of our native gallardia. 12 to 24 inches high.

MONARDA (Fistulosa) or BEE BALM. This is the western representative of the plant known in the East as Cambridge Scarlet. It is sometimes called horse mint. Bears large and numerous heads of feathery blue flowers with a pleasantly aromatic odor. Comes into flower in **late July and August**. Height 18 to 24 inches.

HOLLYHOCK, Double and Single. This old, midsummer blooming favorite is one of our most useful and hardy perennials. Sometimes called Wallflower owing to its frequent use against the walls of buildings. Grows 4 to 7 feet high and comes in a great variety of beautiful shades. Price: **Postpaid, each, 20c; doz., \$2.00. Double Mixed. Postpaid, each, 25c; doz., \$2.50. Double in solid colors, pink, white, red, or yellow. Postpaid, each, 35c; doz., \$3.50.**

TIGER LILY, Single. This handsome and striking lily with its deep orange, spotted with black, is the hardiest member of the lily family, and perfectly at home in our climate.

DAY LILY or HEMEROCALLIS. This resembles the single form but is fully double and of a trifle more delicate shape and appearance. Extraordinarily handsome. **Postpaid, each, 25c; doz., \$2.50.**

LILY-OF-THE-VALLEY. An old favorite, early blooming, shade loving. Of wonderful beauty and fragrance. **Blooms in June. Height 6 to 12 inches. Clumps. Postpaid, each, 30c; doz., \$3.00.**

ELEGANS LILY. This is similar in color to the tiger lily but blooms earlier and more, and the flowers are upright. Grows 1 to 2 ft. in height and blooms in late June and July.

DAY-LILY or HEMEROCALLIS. Lemon and Orange Types. Flowers in June and July and attains a height of 2 to 2 1/2 ft. Fragrant.

CORAL LILY. This is the tenuifolium lily from Siberia and very hardy indeed as well as beautiful. Height about 18 in. to 2 ft., slender and delicate, with a cluster of handsome red blooms at the top. **Each, postpaid, 25c; doz., \$2.50.**

SHASTA DAISY, Chrysanthemum Max. Flowers large, pure white with yellow center, very showy and free-blooming. A fine border plant. **Blooms in July. 12 to 18 inches.**

Giant DAISY. This flower resembles the Shasta Daisy superficially, but is later blooming and even harder, requires no Winter protection and will thrive in sun or shade, but prefers heavy soil. Grows to a height of 4 to 5 feet and bears a cluster of large white daisy-like flowers at the top.

PAINTED DAISY, (Pyrethrum). **Yellow or Pink**. A handsome, heavy blooming painted daisy. We can furnish in both colors. Fine for cutting as well as for landscaping. **Midsummer bloomer.**

ECHINACEA or PURPLE CONE FLOWER. This is a native, 2 to 3 ft. tall with rough foliage and large flower, shaped like a sunflower, but in color shading from pink to rose and purple. Blooms after midsummer and responds very well to cultivation. Price, each, 22c; doz., \$2.50.

DIANTHUS DELTOIDES. A beautiful low growing rock plant bearing quantities of small pink flowers in June and July.

PERENNIAL PHLOX. We can furnish these old favorites in white, salmon, light pink, lavender and mixed colors. They require ample moisture and some winter protection for best results. Under proper conditions they are long bloomers and very showy.

LINARIA. This is the old-fashioned butter and eggs. Resembles a perennial snapdragon. Very hardy.

MEADOW RUE TALL, Thalictrum. A beautiful native with foliage reminding one both of the columbine and the maidenhair fern. Grows to height of three to four feet, forming a dense clump, and bears tall plump spikes of delicate and feathery pink and cream flowers. **Blooms in late June and July.**

PASQUE FLOWER, Pulsatilla patens. Sometimes called the prairie crocus. The first flower to come out on our northern prairies in March or early April, often while the snow is still on the ground. 6 to 8 inches tall with a delicate, lavender, tulip-shaped bloom followed by a silky tuft of a silvery color. **Postpaid, each, 30c; doz., \$3.00.**

RED POPPY MALLOW. This is a purplish red flowered, low growing plant, with handsome, deeply cut foliage, which blooms throughout the summer.

SEA HOLLY or ERYNGIUM. This is not notable for its bloom but for the fact that the whole plant takes on a brilliant amethyst blue color as the flower matures. This color is so fixed that the plant may be dried and still preserve it.



Rocky Mountain Columbine.



Hollyhock.



Gaillardia.



Decorative or Larkspur.

PENTSTEMON GRANDIFLORA. This is one of the very showiest of our native flowers with its large bell-shaped blue or lavender flowers hanging from a long spike. Very hardy, stands dry weather and sandy soil well. Blooms in early July and attains a height of 15 to 20 inches.

ICELAND POPPY Mixed colors, orange, yellow and white. Height about a foot. A bright green tuft of foliage with the handsome cup shaped flower borne on a tall stem. Blooms over a long period.

PLATYCODON, or CHINESE BELL FLOWERS. We have a stock of both the deep blue and the white sort. With its balloon-like buds and large, hand-some bell-like flowers this is a most satisfactory hardy flower. Blooms in early July. Height 20 to 30 inches.

POTENTILLA FRUTICOSA. A shrubby perennial, hardy, drought resistant, distinctive with its bright green foliage and many bright yellow blooms resembling strawberry blossoms. Valuable as a low shrub in foundation plantings. Postpaid, each, 30c; doz., \$3.00.

RIBBON GRASS, Phalaris. This handsome ornamental grass is useful in a dozen places around the garden. With its stripes of light green and white and its bushy habit of growth it is valuable in clumps and beds with many other plants. Height, 15 to 25 inches. Good root. Each, 15c; doz., \$1.50.

SIBERIAN SWEET PEA. This is a perennial pea of a carmine color brought to America by Professor N. E. Hansen. Hardy and beautiful. Vines get to be 18 to 24 inches long.

SIBERIAN LAVATERA. This is a tall, very hardy type from Prof. N. E. Hansen. Grows from 3 to 4 feet high and in midsummer and later covers the ground with large pink flowers like flowers.

SEDMIA. We can furnish both the Stolonifera with pink flowers and Kamtschaticum with yellow flowers. This is a beautiful ground cover and rock garden plant. Exceedingly hardy and drought resistant. Low growing and spreading, it has the advantage as a grave cover under severe conditions and has given excellent satisfaction. Suitable also for rocky slopes and terraces.

SPIDERWORT (Virginia) An old favorite and a hardy native as well. Grasslike foliage bearing in clusters large brilliant blue flowers which appear about July first. Height about 12 to 15 inches.

MAXIMILLIAN'S SUNFLOWER, Helianthus. Large single flowers, borne profusely, rich-golden yellow, center reddish brown. Dark green drooping foliage. Blooms August and September. Each, 30c; doz., \$3.00.

SWEET WILLIAM. Another old favorite, belonging to the pink family. Colors mostly red and white. Blooms in July, 18 to 24 inches high.

TANSY, Fever Head. An old perennial, 2 to 3 feet high and with a fernlike foliage and clusters of yellow bloom. Also valued for its medicinal uses.

BLUE VIOLET. For early Spring the native violets are unsurpassed in beauty. The blue will stand either shade or sun and is very greatly enlarged by cultivation. Blooms in late May and early June.

WHITE VIOLET. The native woods violet, especially suited to shady or partly shaded locations and of great beauty.

CRIMSON YARROW. This is the dark red form of the common white yarrow or millefoil. Height 18 in. Blooms from July to fall.

NATIVE HELIOTROPE. This is a N. D. Species, very hardy, flowers white, foliage fuzzy. Not so beautiful, but has the distinctive heliotrope fragrance to a very high degree.



Pentstemon Grandiflora.



Platycodon.

each, 35c; doz., \$3.50.

MAMMILLARIA VIVIPARA.—The Prairie Rose Cactus. This is the little pin cushion cactus with the rose colored flowers. Does well either indoors or out. Price, postpaid, each, 35c.

MAMMILLARIA MISSOURIENSIS. This resembles the vivipara except that the flowers are a pale yellow in color. Not plentiful in our locality but found in large numbers further south. Price, each, postpaid, 35c.

YUCCA or SPANISH BAYONET. *Yucca Glauca.* Native on dry clay buttes and in the driest possible locations. Very ornamental in its ordinary condition and unusually beautiful when it blooms in July with its long spike of greenish white bells. Height 12 to 24 inches.



Blazing Star

NATIVE NORTH DAKOTA CACTI

OPUNTIA or PRICKLY PEAR. This is the flat stemmed, branched cactus covered with spines and bearing many gorgeous yellow flowers, varying considerably in shading during the month of July. Price, postpaid,

each, 35c.

DAKOTA ASTER, Blue. This is the normal blue form, and the shade of blue is an unusually beautiful one.

DAKOTA ASTER, Pink. This is the finest of the prairie asters and we are happy to be able to offer it in pink as well as blue this year. Our foreman, Mr. Schubert, discovered a single pink plant several years ago from which our present supply has been propagated. Flowers large with yellow centers, blooms very late, dwarf in habit. 18 to 24 inches high.

RED MALLOW. A native rock garden plant sometimes called wild geranium. Flowers appear in June and July and make the low growing plant a mass of scarlet. Plant in light and not too moist soil.

GUTIERREZIA. Another extra hardy fall blooming native with bright green foliage and covered with bright yellow flowers in August. About 1 foot high and makes a perfect dome on the ground.

PRairie CLOVER (Petalostemum). This is a handsome purple native, the numerous heads coming into blossom in August. Very attractive to bees and butterflies. Height 12 to 20 inches, varying with the quality of the soil.

LIATRIS or BLAZING STAR. Very hardy and drought resistant, especially suited to sandy soil. Deep purple flowers on wandlike stems in July and August. 10 to 20 inches.

GUMBO LILY, Cow Boy Lily (White Evening Primrose). This denizen of the Bad Lands and buttes is one of the most beautiful of our native flowers as well as one of the hardiest. It is very low growing and under good conditions is covered with white blossoms the size of a large single rose most of the summer. As the flower ages the blossoms take on a pink color.

BLUE PERENNIAL FLAX. Has a handsome blue flower and thickens up into heavy clumps which become a mass of blue. Flowers in early July and throughout the summer. Height from 18 to 24 inches.

WHITE GARLAND ASTER. This is the small, late blooming white aster of our dry prairies.

PRairie CONE FLOWER. This is the hardy and handsome daisy-like yellow flowered plant with the tall cone in the center. It comes into bloom in middle July. We are offering mixed plants of red and yellow.

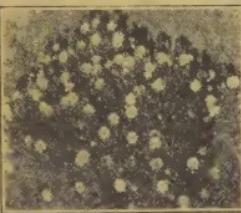
MISSOURI EVENING PRIMROSE. This is one of the plants associated with here. It is a long growing like the gumbo lily with a tremendous blossom, some 3 inches across, of a bright yellow color. Blooms for a long time and is very striking.

PRICKLE ACROSS. A hardy native of the Great Plains of outstanding beauty. A true poppy, bearing large white flowers 3 inches across with yellow centers. Foliage silvery. Bushy and 18 in. to 2 ft. high. Flowers numerous and very graceful.

PRairie PHLOX (Woodsh). This little, fragrant, early blooming white phlox is a prominent feature of the early spring prairies. It grows close to the ground and is an ideal rock garden plant.

PENTSTEMON ANGUSTIFOLIA. This is a smaller and earlier blooming member of the family. The flowers are close set on a spike some 12 to 18 inches tall and are of a purplish blue color.

One of Each of the Above Fourteen Rock Garden Plants for \$1.25, Postpaid.



Dakota Aster.



Chief Raspberry.

HARDY RASPBERRIES

CHIEF. This is the latest production from the Minn. Fruit Breeding Farm, and the hardiest. If it receives sufficient moisture it should winter and bear well almost anywhere. Wonderful quality but not as good a commercial berry as the Latham, although a heavier yielder. Ideal for the home garden. Price, doz., 40c; 100, \$2.50. Postpaid, doz., 50c.

LATHAM. The best known production from the Minn. Station and the standard market variety over the country today. Not quite as hardy as Chief but a better commercial bearer. Large, red, of high quality and uniform in ripening. Should be planted in a sheltered location on good soil where it will receive plenty of moisture. Price, doz., 35c; 100, \$2.25. Postpaid, doz., 45c.



Latham Raspberry.

GOOSEBERRIES

HOUGHTON. An enormously productive, old variety. Fruit is smooth, pale red, tender and well flavored. Of vigorous growth, slender and spreading. Not subject to mildew. Strong 2-year plants. Doz., \$1.50. Postpaid, doz., \$1.70.

NATIVE WILD GOOSEBERRY. The wild gooseberry is of value both as a fruit and ornamental. It produces a very considerable quantity of excellent fruit which is only a little smaller than the tame sorts. It is a handsome ornamental, being the very first thing to leaf out in the Spring when the vivid green of its new leaves gives the first seasonal touch to the shrubby clumps; and among the last to go in the Fall, at which time it becomes a reddish bronze. Each, 25c; doz., \$2.60. Postpaid, each, 30c; doz., \$2.25.

COMO. A rather new variety from the Minnesota Fruit Breeding Farm. Not as hardy as Houghton but a large berry of good quality, and a heavy bearer. Superior to the old varieties wherever it is adapted. Doz., \$1.55. Postpaid, doz., \$1.75.



Gooseberries.

CURRANTS

RED LAKE. This is a recent development from the Minn. Fruit Breeding Farm, and is one of their outstanding productions. It is a red currant, harder and better in general quality than anything previously offered in the Northwest. Price, each, 25c; doz., \$2.50. Postpaid, each, 30c; doz., \$3.00.

WHITE GRAPE. This is the sweetest of the tame currants. It is a clear translucent white in color, bunches are large as is the fruit. A steady annual bearer and altogether a most satisfactory variety. Each, 15c; doz., \$1.75. Postpaid, each, 20c; doz., \$2.00.

NATIVE BLACK, *Ribes Floridum*. We have a limited supply of transplanted stock, nursery grown from seed, of this kind, which can be used for fruiting or ornamental purposes. The fruits are large, sweet, and make excellent jelly. Each, stocky, 20c; doz., \$2.00. By mail, each, 25c; doz., \$2.50.



HAZELNUTS

This is the only nut bearing plant native to North Dakota and hardy all over the state. Since our bushes are grown from nuts gathered from wild northern bushes they are likely to be a mixture of both the common species, rostrata and americana. The hazelnut grows from four to six feet, a dense bush, and the nuts hang on in clusters and may be picked fairly green. Nuts are edible and of good flavor, related to the filbert. Each, 3 to 4 ft., 25c; 10, \$2.25. Postpaid, each, 30c; 10, \$2.50.

HORSERADISH

BOHEMIAN. A particularly large and smooth variety which has replaced all other sorts. Postpaid, doz., 35c. F. O. B. Bismarck, doz., 30c.

ASPARAGUS

ASPARAGUS. Fine roots of the best kind. See page 14.

RHUBARB

RHUBARB. Fine roots of the new McDonald and Ruby as well as of the old standard sorts. See page 31.

We have been so pleased with our order received. The perennials came in splendid condition and we wish to thank you a thousand times for the gladiolus bulbs you so generously sent us.

We beg God to prosper your business and to make this Spring the best you ever had financially.

Always gratefully yours,

The Ursulines of Great Falls, Montana.

Strawberries

We are pricing strawberry plants only at postpaid prices. All orders for them will be shipped separately as we can not usually start shipping them till nearly May first, and the plants are likely to be damaged if packed in with other goods.

PRICES: PROGRESSIVE

25	\$ 0.60
50	1.00
100	1.80
1000	16.00

SENATOR DUNLAP

25	\$0.35
50	.60
100	1.00
1000	8.00



Progressive.



Senator Dunlap.

PROGRESSIVE EVERBEARING. (*Perfect flowering.*) After many years of testing the **Progressive** still holds first place as the best standard everbearing strawberry for the Northwest. We have decided to sell only the **Progressive** as a standard sort. It is very productive, very hardy and gives the best satisfaction of any of the many sorts we have tried. Keep blossoms picked off during the spring in which plants are first set out if you wish a good fall crop.

SEN. DUNLAP, June Bearing (Perfect Flowering). This is the greatest of all the June bearing strawberries. The vine is tough, bright, a rampant runner, and a sturdy grower. It is wonderfully productive and each berry is regular in shape and of delicious quality. The berry is large, bright red and glossy, firm, a good keeper and the very best sort for canning.

Hardy Grape Vines

NATIVE WILD GRAPE, *Vitis riparia*. To insure fruiting several should be planted. This is one of the most satisfactory wild fruits for cultivation. A small arbor planted with about a dozen vines will produce several bushels of grapes. The fruit is unsurpassed for jelly, jams and grape juice, and the plant is one of the easiest to grow. **3-year plants, each, 20c; 10, \$1.60. Add 5c per plant or 20c for ten if postpaid.**

BETA GRAPE. It has been tested over the whole Northwest and is giving satisfaction wherever grown. In exposed locations and under dry conditions it is not advisable to plant it, but with plenty of moisture in good soil and with some shelter it does remarkably well. When the location is doubtful we advise winter covering. The berries are blue black, of medium size, with a pleasant aromatic flavor; they ripen about the last of August. **Strong plants, each, 25c; doz., \$2.50. Postpaid, each, 30c; doz., \$3.00.**



Alpha Grapes.

ALPHA. This is the new hardy grape which is proving equal even to the Beta. In some North Dakota experiments it is harder than Beta, and the quality is perhaps somewhat better. It appears to be a cross between the wild and Concord grapes. It resembles the latter except that it is a trifle smaller, but it is the largest of the extra hardy grapes. **Each, 25c; doz., \$2.50. Postpaid, each, 30c; doz., \$3.00.**



Beta Grapes.

I got six fruit trees from you last year—two compass cherry—two crabapple trees—two Opatia Plum trees—one Siberian and one Whiney. They all lived and one of the plum trees had one plum to ripen. There would have been more if it had not been for the severe drought. I received them at just about the right time to set out and must say they were mighty fine trees. Am more than pleased with them.

WM. R. KRÜGER, Laramie, Wyo., Box 431.

Just thought I would drop you a few lines regarding a Snowball Bush purchased from you several years ago. The bush is now six feet tall and every spring has quite a few flowers. Last spring I had to prop the branches up to keep them from breaking, they were so full of blossoms. You certainly have very good nursery stock. I am well pleased with your stock. It can't be beat.

MISS SYLVIA DRAWNS, 9224 Blackstone Ave., Chicago, Ill.

Hardy Apple Trees

Budded or Grafted on Siberian
Crab or Pyrus Baccata Roots

Apples and Crabs are 3 to 4 ft., young and bushy stock. Smaller sizes used for mailing.
All authorities on Great Plains Horticulture recommend planting only young stock such as we offer because it establishes itself much more quickly and easily and there is likely to be less loss. Remember that our apples are grafted and budded on the hardiest apple roots in the world, and are grown in North Dakota.

Hardy apple stock is very scarce this year and our supply of stock that we care to offer is very limited.

ANOKA. The test of years is proving the Anoka to be the most important Apple introduction for the Great Plains that has yet come from the laboratory of Prof. N. E. Hansen. It bears often the second year from planting, carries large crops every year, is a sturdy, handsome and exceedingly hardy tree. Fruit is of fine flavor, early, resembling the Duchess in many ways. The very best for the home place under plains conditions. Each, 85c.

WAUKON. This fine apple was introduced through our catalog, and the more we see of it the better we think of it. We feel that it is an outstanding variety for the Northwest. Even in the nursery row it is noticeable for its thriftiness and vigor as well as hardiness. This is a seedling grown by Mr. Sykes of Moorhead, Minn., and taken up and grown by Prof. Yeager from whom we obtained our start. It resembles the Wealthy but is of even better quality, and the tree is much hardier and more vigorous. Price each, 90c.



Proper Bush Form for
Apple Trees.

WEALTHY. October to January. This variety is beyond doubt the most popular sort throughout the Northwest. A hardy, upright grower and a very abundant bearer. The fruit is large and dark crimson in color. The flesh is crisp and sub-acid, white tinged with red. A fine eating Apple and one that keeps well in storage. Each, 80c.

DUCHESS. August to September. A standard early commercial variety and the best known of all the Russian Apples. It is very hardy, free from blight, and an early and prolific bearer. The fruit is large, yellow with red stripes, very tender and juicy. Each, 80c.

RED WING. One of the Minnesota varieties on specially hardy root stocks. A very hardy and blight-free sort, has lived some twelve years and borne in Manitoba. Of sturdy habit and handsome appearance. Fruit is medium to large in size, of wonderful keeping qualities, so that it fills the long-felt want in the Northwest of an entirely hardy Winter Apple of good quality. Fruit hangs to tree well, is beautiful in appearance, with firm, fine grained, juicy flesh.

Each, 80c.

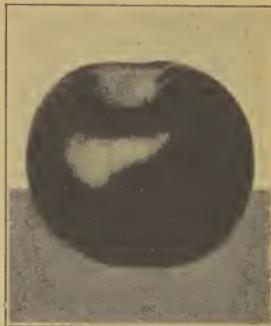
ERICKSON. This is one of the best of the apples of Russian origin. Exceptionally large in size, it is also of fine flavor. Season somewhat longer than that of Duchess, it is of a beautiful and uniform red color when fully ripe. Season Sept. to Nov. Price, each, 80c.

LONGFIELD. Another Russian apple of great hardiness and perhaps the finest eating quality of any of the type. A small tree, exceptionally hardy, and productive. Color yellow with red blush. Primarily an early apple for home use. Each, 85c.

PATDEN'S GREENING. February to March. A seedling of the Duchess, very hardy, vigorous and free from blight. The fruit is large, yellow and keeps remarkably well. One of the best all-around varieties for the Northwest. A good eating and cooking apple. Each, 80c.



Young Apples at Our Nursery.



Anoka Apple.



Waukon Apple.

I met Oscar H. Will in 1881. He showed me his 5 acre garden. I have used Will's seeds for 45 years at different times and I grew my own seeds from Will's seeds for 15 years straight. I raised Will's Sugar Watermelon without a failure. Your seeds have been okay.

CORNELIUS H. PORTER, Sidney, Mont.

The apple trees grew fine, was well pleased.

JOHN T. MARSHALL, R. No. 1, Bruce, Wis.

Hardy and Prolific Crab Apples

The hardy crabs are without doubt one of the very surest fruit crops for the Northwest; particularly if they are allowed to grow in bush form.

3 TO 4 FT. TREES QUOTED.

DOLGO CRAB. September. Another valuable product of Prof. Hansen's work. A strikingly beautiful tree, sturdy, upright, with handsome foliage. Bears heavily and the fruit of medium size is of excellent flavor, and of a wonderfully handsome brilliant red color. Both as an ornamental and for the large quantity and fine quality of fruit the DOLGO ranks high, and in addition it possesses ironclad qualities of hardness. Each, 70c.

SUGAR CRAB. September, October and later. This is one of Professor Hansen's productions. A large, sweet flavored winter crab, some 2 in. in diameter. Flesh rich and sweet, color yellow with bronze blush. Seems to be blight resistant. Price, each, 70c.

WHITNEY CRAB. August to September. A hardy, thrifty, upright grower. Excellent flavor even to eat out of the hand. The fruit is very large and glossy green, striped with red. The flesh is firm, juicy and pleasant. It is a very heavy yielder and highly prized for pies. Each, 65c.



Whitney Crab.

one of ours being 30 feet tall with a trunk a foot or more in diameter. Each, 70c.

FLORENCE. September. This is a crab of very high quality, and extremely handsome fruit. An origination from Minnesota it is extremely hardy and has given excellent satisfaction in many parts of the Northwest. Price, each, 70c.

HYSLOP CRAB. September to November. A small, late, dark red crab. Hardy, a good yielder and one of the most popular varieties. Each, 65c.

GOLDEN ANNIVERSARY CRAB. September. Another new introduction, a seedling crab developed at our nursery. Fruit large, flesh white and firm, ripens mid-season. Makes excellent sauce and jelly and is pleasant eaten from the hand.

A heavy bearer every other year and an exceedingly hardy tree. A fast grower, tree of fine shape and appearance. Price, each, 65c.



Mendel Pear.



Dolgo Crab.



Hyslop Crab.

Mendel Pear

We have come to the conclusion after considerable investigation that the Mendel is hardy enough for trial and will undoubtedly succeed in many localities.

Mendel is a real, good sized pear of very fair quality and showing great resistance to blight as well as hardness against cold.

We are fortunate to be able to offer a limited number of 3 to 4-foot trees. Price, each, 70c.

The trees we got from you two years ago have done very well, hope these will do as well.

FRANK BIERY, Roman, Mont.

CHERRIES and CHERRY HYBRIDS

The Best Suited of All Fruits to the Northwest



Oka
Cherry.

COMPASS. The tree is perfectly hardy, even in the far North, and seems especially adapted to the Western prairies, where it is very free from disease, and remarkably exempt from insect enemies and the depredations of birds. It frequently bears the same year it is set, and is quite certain to bear a good crop annually thereafter. The fruit, which resembles a small bright red plum, is of pleasant acidity as eaten out of the hand and when cooked or canned makes a remarkably fine rich flavored sauce. Price, each, 3 to 4 ft., 60c.

ZUMBRA. This is an entirely new type of cherry which promises to be of great value. It has been thoroughly tested for hardiness and seems to be fully as hardy as the Compass. It is a production of the Minnesota State Fruit Breeding Farm, and is supposed to be a cross between the sweet cherry, the pin cherry and sand cherry. Fruit is very dark, flesh greenish, freestone, quality very good. Excellent for preserves. Each, 3 to 4 ft., 50c.

TOM THUMB. Another production of Prof. Hansen and one which is meeting with unusual favor in Canada. It is a cherry growing on a bush, and may be planted like currants and gooseberries. Begins to bear the second year and produces tremendous crops of cherries about the size of Compass but black in color and with dark red flesh like the Sapa. Each, 2 to 3 ft., 65c.

OKA CHERRY. This is the outstanding Hansen production of recent years. Introduced a few years ago it has gained an enviable name for itself both in this country and Canada. A sand cherry hybrid, bushy, but larger than Tom Thumb, it bears early and heavily. The fruit is the largest of the bush cherry type, dark red in color with reddish flesh, and of delicious flavor. The fruit hangs to the tree for a long time after ripe and dries instead of decaying. Altogether it is a fruit that will take a very high place on account of its combined good qualities. Each, 3 to 4 ft., 65c.

CHAMPA. This is a handsome bush about the size of the common sand cherry and bears in great profusion a fairly early ripening black fruit very similar to the Tom Thumb cherry, but with a greenish flesh. It is a delicious fruit to eat from the hand and excellent for sauce. This is one of Prof. Hansen's productions. Each, 3 to 4 ft., 60c.

ST. ANTHONY. This is another Minnesota Station Hybrid cherry of the same type as Zumbra but with red flesh and more palatable still for cooking. Price, 3 to 4 ft., each, 50c; 5 for \$2.00.

SAND CHERRY or ROCKY MOUNTAIN CHERRY. This is a native bush cherry; wonderfully productive and very hardy. This fruit is nearly the size of a tame cherry and when dead ripe, of pleasant taste. Fine for jams and jellies. 18 to 24 in., each, 20c; 12, \$2.00.

WESTERN CHOKECHERRY—PRUNUS MELANOCarpa. This is a larger and sweeter cherry than the eastern variety and is exceedingly satisfactory for jelly and sauce, being perhaps the most delicious for that purpose of any of our western fruit. Also valuable in shelter belt and windbreak planting and a handsome ornament. Transplanted stock, 2 to 3 ft., each, 20c; 10, \$1.75; 6 to 12 in. seedlings, per doz., 40c; per 100, \$3.00.

YELLOW CHOKECHERRY. A novelty, sweeter than the black, budded on May Day, roots so especially useful as an ornamental. 2 to 3 ft. Each, \$1.00.

PRUNUS TOMENTOSA or NANKING CHERRY (Chinese Bush Cherry). Worthy as a beautiful ornamental and hedge plant, outstanding on account of its hardiness which has been well demonstrated both in North Dakota and Manitoba, valuable for its fruit, which is of an unusually pleasant flavor, a handsome red in color, and larger than the chokecherry. Blooms in early spring, grows to a compact large bush or small tree. Great Plains Station Selection. 2 to 3 ft., each, 40c; 5, \$1.80.



Compass Cherry.



Chokecherry.



St. Anthony.



Sand Cherry.

Plums and Plum Hybrids

Hardy, High Class Varieties for the Northwest

Plant Several Types Together or Plant with Cherries to Insure Pollination. 3 to 4 Ft. Trees



Opata.

OPATA. A plum-sandcherry cross, should be headed low and the old wood trimmed out as it bears on young wood. An origination of Professor Hansen and one of his most popular ones. A cross between Sandcherry and Gold Plum. Fruit dark red with a blue bloom, early, flesh green with a delicious flavor. Ready in mid-August. Price, each, 60c.

LA CRESCENT. Perhaps the most delicious of all the Minnesota hybrid plums. Yellow of skin and flesh with a delightful apricot flavor. 3 to 4 ft. Each, 55c.

GOLDEN ANNIVERSARY. This is a hybrid seedling, the best of several hundred which have been fruiting in our nursery for several years now. It is large, firm, of good quality and a good bearer. The flavor is unusual and very pleasant. We feel that it is well worth trying under different conditions. Each, 55c.

WANETA. This is the largest of Professor Hansen's hybrid plums, being a cross similar to the Underwood. It has proven perfectly hardy at the U. S. Station at Mandan, is a heavy bearer and produces the largest fruit of any hardy plum. Fruit is of good quality, ripens in midseason and is of excellent flavor. Fine healthy trees, each, 60c.

UNDERWOOD. This is one of the hardest of the new Minnesota Fruit Breeding Station varieties and has proven perfectly hardy with us. These varieties in flavor are the equal of any of the Japanese plums, are larger than any of the American type, and are thrifty and strong varieties which bear annually. The Underwood is an excellent keeper and the earliest plum in the list. Fruit is large, dark red, and sweet. Ripens in midseason. Each, 60c.

RED WING. This is one of the largest fruited plums of the new introductions from the Minnesota State Fruit Breeding Station, which means that it is as large as the regular commercial plums. It has proven hardy over most of our state. Fruit is large, firm, yellow overlaid with red in color, flesh sweet

and of good quality; freestone. Midseason bearer. Each, 60c.

CREE. The Cree is one of Professor Hansen's originations and assuredly one of the best. It has been carefully tested here and at the Mandan Station and has proven absolutely hardy and of wonderful quality. It is one of the largest sized plums of the North, the fruit being bright red, skin thin, ripening in the latter part of August. It is a cross between the *Prunus Nigra* of Manitoba and the Shiro plum. Each, 65c.

NATIVE WILD PLUM. Ironclad as to hardiness, useful in windbreak and shelter belt planting, and very valuable for its certain crop of fruit which makes delicious sauce, jam and jelly. Prices low, as they can be raised without budding or grafting. 3 to 4 feet. Each, 35c; 5 for \$1.50.

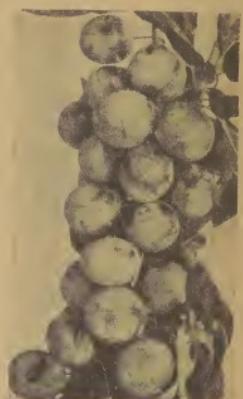
RADISSON. This exceptionally early and delicious plum from the Minnesota Fruit Breeding Station once again has shown itself to be one of the hardest and most satisfactory for the Northwest. The size is fairly large and the quality is unsurpassed. Fruit is a handsome red. Each, 60c.

HENNEPIN (Minn. No. 132). A Japanese-American cross. Medium size, dark red plum with bloom on skin, flesh red, early, vigorous and productive. Price, each, 60c.

MENDOTA. A product of the Minnesota Fruit Breeding Farm, and the largest. Quality and production both high. 3 to 4 ft. Each, 60c.

GOLDENROD. A Minn. Fruit Breeding Farm plum and the only pure yellow one. Outstanding for its keeping qualities. 3 to 4 ft. Each, 60c.

Cree.



Waneta.



Underwood.



Insecticides for All Purposes

Prices Subject to Change. Ask for Prices on Large Lots. All Prices F. O. B. Bismarck Unless Otherwise Stated.
All Insecticides Are Now Mailable

ACME GARDEN GUARD. A garden insecticide and fungicide for use as a dust. No water, no mixing, no mess. For use on cabbage, cauliflower, tomato plants, melon vines, currants and gooseberries and other vegetables, flowers and shrubs of many kinds. Priced, postpaid, 1 lb., \$32; 5 lbs., \$1.00. F. O. B. Bismarck, 1-lb. sifter carton, 25¢; 5 lbs., 75¢.

NON-POISONOUS GARDEN GUARD WITH ROTENONE.
1 lb., postpaid, 35c; F. O. B. here, 30c.

LIME SULPHUR. One of the most dependable of all insecticides for dormant spraying and the destruction of fungous parasites on woody plants and shrubs. Prices, postpaid, 1 lb., 35c; 5 lbs. at 28c per lb.

DUSTING SULPHUR. For mildew on roses and other fungus and similar diseases of plants there is nothing quite so satisfactory as sulphur dust. 1 lb. postpaid, 15c; 3-lb. package, postpaid, 35c; here, 25c.

ACME DAWG-GONE. Protect that evergreen—keep dogs away. Remove cap and hang tube of Dawg-Gone (opening down) in the lower branches of trees at the points of approach. Not necessary to place tube in every tree unless standing alone. The odor slowly emanating from the open tube will keep dogs at a distance—winter or summer—replaces unsightly wire screens or mechanical contrivances. Tubes, 35¢ each or 3 for \$1.00, postpaid.

NEW CERESAN. For wheat, oats and barley smut treatment. F. O. B. Bismarck, 1 lb., 75c; 5 lbs., \$3.00.

SEMESAN, JR. For corn diseases. F. O. B. Bismarck, 4 oz., 35¢; 1 lb., \$1.00.

SEMESAN BEL. For potato scab, etc. F. O. B. Bismarck,
4 oz., 50c; 1 lb., \$1.65.

SEMESAN. For seeds and bulbs. Price, F. O. B. Bismarck,
2 oz., 50c.

BRUNSWICK CORPORATION

BLACK LEAF 40. The old reliable nicotine spray for aphids of all kinds on plants, trees and shrubs. Also excellent to rid poultry and poultry houses of lice. An increasing use to which it seems especially adapted is as a sheep dip. Price, postpaid, 1-oz. bottle (makes 8 gallons) 40¢. F. O. B. here, 1-oz. bottle, 35¢; 5-oz. bottle, \$1.00.

CORONA COPPER CARB. The most popular preparation for treatment of seed wheat against smut. Is used dry and the seed may be treated in the Winter without any injury to it. Two ounces treats one bushel seed. Comes in 5-lb. cartons at 20¢ per lb. here.

GOPHER POISON. Carefully prepared with strychnine Extra strength Poisoned Oats of best quality. 8 lb sk., 90c; 16 lb. sk., \$1.75; 32 lb. sk., \$3.25.

TOPZOL RAT AND MOUSE EXTERMINATOR. Non-poisonous to most animals or people but deadly to rats and mice. Comes in bait form and need only be scattered. Celophane package of baits, each, 15¢ here; postpaid, 20¢.

NEW EVERGREEN NON-POISONOUS SPRAY. A new pyrethrum spray—a great improvement on the regular Evergreen as it contains the necessary soap spreader and oil, a perfect combination and is 20% stronger. Kills ants, all forms of aphid and plant lice. One oz. makes 4 to 6 gallons. Price, postpaid, 1 oz., 40¢; here, 35¢; 6 oz. pkg., \$1.10, postpaid; \$1.00 here. Larger sizes quoted on request.

CARCO. This is the best remedy for cutworms and other underground pests. Use one pint to 75 pints of water and spray the soil before planting. Later use one pint to 125 pints of water. By express or freight, one pint, 75¢. Postpaid, 90¢.

TOBACCO DUST. An excellent remedy against all kinds of aphis or plant lice. Per lb., by express, 12c; 5 lbs., 50c. Postpaid, lb., 20c.

CORONA TREE WOUND DRESSING. For all cuts, breaks, bruises caused by accident or from pruning, or for injury by gnawing by rabbits or mice. Price, pt., 50c; qt., 75c. Postpaid, pt., 60c; qt., 90c.

RED ARROW (NON-POISONOUS). This is a combined rotenone and pyrethrum spray, very effective and deadly to insects, but entirely harmless to animals and man. Also contains soap so that it need only be mixed with water and put in sprayer. One oz. makes from one to four gallons of spray depending on the strength desired. 1 oz., 40c, postpaid; 35c here; 4 oz., \$1.10, postpaid; \$1.00 here.

ATLACIDE WEED KILLER. Kills poison ivy and all other weeds including dandelions. May be dissolved and sprayed on or dusted on. 2 lbs. treats 100 to 450 square yards. Non-poisonous. 5 lbs., postpaid, \$1.75; F. O. B. here, \$1.50.

CARBOLA. The Disinfecting White Paint and Dusting Powder for Insects. A white paint and powerful disinfectant in powder form. Quickly mixed with water—no waiting or straining. Applied with brush or sprayer to all surfaces, 5-lb. pkgs., 75¢; 1 lb., \$1.25; 50 lbs., \$5.00. This is mailed at regular postage rates.

MOUSE SEED. No bait! No traps! Just pour out the clean seed in a tray or saucer and the mice will come for it. After eating they make for outdoors. Price, postpaid, 25c.
FORMALDEHYDE. The old reliable disinfectant and bacteri-
tiller killer for plant diseases. Price, 1 lb., here, 25c. Write
for a dozen or dozen lots.

SODIUM FLUORIDE POWDER. An excellent destroyer of roaches, plant and stock lice, blister beetle, etc. F. O. B. here, 1 lb., 25c. Postpaid, 35c.

PIONEER BRAND LOUSE AND FLEA POWDER. For all kinds of livestock and poultry. A very efficient product of our own preparation. F. O. B. here, 25c. Postpaid, 35c.

CUSTOMERS LIVING IN NORTH DAKOTA MUST ADD TWO PER CENT FOR SALES TAX TO THEIR REMITTANCES FOR NURSERY STOCK, DECORATIVE GREENHOUSE STOCK, INSECTICIDES, TOOLS AND SUPPLIES. THIS TAX DOES NOT APPLY TO SEEDS, ONION PLANTS OR VEGETABLE PLANTS.

Will's Pioneer Brand Feeds

We wish to call especial attention to our Pioneer line of prepared poultry feeds and mashes. We have selected the best formulas recommended by the State Experiment Stations of the Northwest, and compound them of the highest grade materials, with the utmost care.

SEND FOR OUR FEED LISTS—ISSUED AS PRICES CHANGE

All Prices F. O. B. Bismarck Unless Otherwise Noted

WILL'S PIONEER BRAND MERMASH

An All Purpose, 3 in 1 Mash

Replaces:

CHICK STARTER GROWING MASH LAYING MASH

Supplies minerals and vitamins in organic form. Tonic as well as feed value. Without milk. 10 lbs., 40c; 25 lbs., 90c; 50 lbs., \$1.75; 100 lbs., \$3.00.

WITH MILK, an ideal turkey growing mash. 10 lbs., 50c; 25 lbs., \$1.00; 50 lbs., \$1.85; 100 lbs., \$3.25. Write for descriptive folder on Mermash.

MERMASH TURKEY STARTER. This mash with above 20% protein content contains all the outstanding quality of the MERMASH, but is made with the necessary higher protein content which turkeys require for best development. Price, 10 lbs., 50c; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.25.

NOPCO COD LIVER OIL. This is one of the finest and purest brands and compares very favorably in price with any other brand. We offer it in quart and gallon sizes. Price, F. O. B. Bismarck, 1 qt., 50c; gal., \$1.75. Postpaid, 1 qt., 75c.

PIONEER BRAND CHICK FEED OR SCRATCH GRAIN FOR CHICKS. To be fed after three weeks old and until chicks are able to eat whole grain. 10 lbs., 40c; 25 lbs., 75c; 50 lbs., \$1.25; 100 lbs., \$2.40.

PIONEER BRAND GRANULAR CHICK STARTING GRAIN OR BABY CHICK FEED. For baby chicks up to three weeks old. A carefully ground, mixed and screened feed. 10 lbs., 50c; 25 lbs., \$1.00; 50 lbs., \$1.50; 100 lbs., \$2.75.

PIONEER BRAND FOWL FATTENER. This is a fattening mash so compounded as to stimulate the putting on of flesh when fattening for market. Please remember that all our feed is compounded from experiment station formulas. 25 lbs., 85c; 50 lbs., \$1.50; 100 lbs., \$2.50.

PIONEER BRAND SCRATCH FEED. A balanced grain mixture of our own preparation for mature birds. Has given uniformly excellent results. 10 lbs., 30c; 25 lbs., 70c; 50 lbs., \$1.25; 100 lbs., \$2.00.

POWDERED SKIM MILK AND BUTTERMILK. Useful in all kinds of feed mixtures. Highest quality of both. Price, 5 lbs., 60c; 10 lbs., \$1.00; 25 lbs., \$2.00; 100 lbs., \$7.00.

MINERAL MIX. F. O. B. Bismarck: 25 lbs., \$1.00; 100 lbs., \$3.00.

WRITE FOR PRICES ON BRAN, SHORTS, MILL FEED, FEED CORN and GROUND FEED as well as QUANTITY LOTS OF ALL FEEDS.

POP CORN FOR POPPING

Not prepaid, 1 lb., 15c; 5 lbs., 75c; 10 lbs., \$1.30; 100 lbs., \$12.00.

EXCEL CORN POPPER. Takes all the tired muscles and burned faces out of popping corn. Made both for use with any coal stove or with attachment for electricity. Pops quickly and completely, put in a handful of popcorn and the popper does the rest. Price, postpaid, equipped with heating unit and plug to screw into socket, \$1.25. Plain popper for use with coal, oil or gas stove, 65c.



INOCULATE ALL LEGUMES

Alfalfa, Sweet Clover,
Clover, Beans,
Peas, Etc.

For your protection, every package of NITRAGIN bears the EXPIRATION DATE, Legume Germ COUNT when packed, and the PRICE. Don't gamble with your Seed, Money, Time and Labor. Know what you are buying! Insist on NITRAGIN.

Prices, F. O. B. here, on Types A and B: $\frac{3}{2}$ bu. size for $\frac{1}{2}$ bu. of seed—35c; 1 bu. size, 60c; $2\frac{1}{2}$ bu. size, \$1.25. Type A is for Alfalfa and Sweet Clover. Type B is for Medium Red, Mammoth, Alsike and White Dutch.

The Improved Soil Inoculator, Nobbe-Hiltner Process

NITRAGIN
TRADE MARK REGD. U.S. & CANADA

Restores and Maintains Soil Fertility

Prices, F. O. B. here, for Type S—Soy Beans: 1 bu., 35c; 2 bu., 60c; 5 bu., \$1.25.

Prices, F. O. B. here, for Type C—Field and Garden Peas, and Type D—Field and Garden Beans: $\frac{1}{2}$ bu., 30c; bu., 45c; 5 bu., \$2.00.

GARDEN SIZE NITRAGIN. For Peas, Beans, Sweet Peas, Lima Beans, Lupines. Price, postpaid, or F. O. B. here, 25c.

Fertilizers for All Purposes

In this new country of rich soil the fertilizer question has been little considered, but as gardening, flower growing and vegetable raising increase, needs for special fertilizers are developing. Barnyard manure is excellent but requires time to release the plant food.

The three necessary elements in plant growth which are not always present in the soil are nitrogen, which stimulates luxurious growth; phosphorus, which has a tendency to force bearing and hasten maturity, and potash which stimulates growth, delays maturity of grains and grasses but hastens maturity in root crops. We offer these three elements separately below, nitrogen in the form of nitrate of soda and ammonia sulphate, phosphorus in the form of bone meal and superphosphate, potash in the form of muriate of potash. Good combinations for general use are 400 lbs. superphosphate and 200 lbs. each of nitrate of soda and muriate of potash per acre or 8 per cent phosphate, 5 per cent nitrogen and 7 per cent potash.

Superphosphate has given very good results in North Dakota in speeding up the maturity and improving the yield and quality of corn. In the heavier types of soil it has proven of especial value.

BONE MEAL. (The great phosphorus supplier). For fall application. Causes fruiting and blooming in reluctant plants, flowers, shrubs and trees; hastens maturity so promotes earliness when applied in the Spring. Especially useful to stimulate bloom in peonies. Lbs., 25c, postpaid. By express or freight, 10 lbs., 50c; 100 lbs., \$4.00.

PULVERIZED SHEEP MANURE. This is by far the most concentrated of the cheaper fertilizers and is adapted especially for garden and lawn use, and for use in a larger way where the land is being used intensively. Sheep manure is a complete fertilizer and supplies every item which worn-out soil requires. Use from 5 to 10 lbs. per 100 square feet. Price, 10 lbs., 40c; 25 lbs., 50c; 50 lbs., 70c; 100 lbs., \$1.00; 500 lbs., \$4.75; 1000 lbs., \$9.50; ton, \$18.00.

SUPERPHOSPHATE. Phosphorus is said to be the element the most likely to be lacking in the prairie soils of the Northwest, and is not supplied in any form by applying vegetable matter by turning under or otherwise. Has given some startling results in experiments made in the Dakotas. Use one to two hundred pounds per acre. It may be broadcasted on. Price, 46% formula, 10 lbs., 50c; 50 lbs., \$2.20; 100 lbs., \$4.00. Write for quantity prices.

NITRATE OF SODA. The great growth stimulator, the best chemical agent in supplying the much needed nitrogen to deficient soils. Has a wonderful effect on lawn, garden or flowers. F. O. B. Bismarck, 5 lbs., 50c; 10 lbs., 90c; 25 lbs., \$2.00; 100 lbs., \$6.00.

MURIATE OF POTASH. Promotes growth, delays development and causes longer growing in grains, grasses, flowers, but stimulates both growth and maturity of root crops such as beets, carrots, etc. F. O. B. Bismarck, 5 lbs., 60c; 10 lbs., \$1.00; 25 lbs., \$2.00; 100 lbs., \$7.00.

AMMONIA SULPHATE. The Lawn Fertilizer. Also valuable for the garden or flower bed. A highly concentrated nitrogen fertilizer which acts very quickly. Use one lb. to the lawn in the Spring at the rate of 3 lbs. per 1,000 square feet. Valuable also for trees and shrubbery. Price, 10-lb. bag, 75c; 100 lbs., \$5.75. F. O. B. Bismarck.

• MAKES THINGS GROW •

PLANTONE

ALL PLANT FOODS IN ONE

What You Need for a

LAWN and GARDEN BEAUTIFUL

are careful planting and intelligent care. For all growing things, proper nourishment is indispensable. Seventy-five per cent of western soils are deficient in available phosphate. Plantone supplies an unusually high percentage of available phosphate. And phosphate is the most important element for all life, animal or vegetable.

Plantone is not an ordinary by-product fertilizer. It is not made from refuse. It is clean, odorless, free from weed seed and easy to apply. Apply 3 pounds to 100 square feet.

Plantone is the new name of the plant food especially adapted to western lawns and gardens. 1 lb. pkg., postpaid, 18c. F. O. B. Bismarck, 1 lb., 10c; 5 lb. pkg., 50c; 10 lb. bag, 85c; 25 lb. bag, \$1.50; 50 lb. bag, \$2.50; 100 lb. bag, \$4.00.

A Western Made Product

Seeders and Cultivators

Hudson Combination
No. 201



Hudson Seeder No. 205

Designed for the market gardener who does a great deal of seeding, and must always have a seeder set up ready for use. Can be made into a cultivator by adding the cultivating equipment as the steel frame and arch are standard. Will sow all seeds from beans down to the very finest garden variety, either in continuous drills, or in hills spaced from 4 to 24 inches apart. The all brass seed regulator is absolutely accurate and gives perfect control of the seed flow. The adjustable furrow opening shoe permits planting at any depth up to two inches. Price, complete, boxed, F. O. B. Bismarck, \$12.75. Shipping weight, 44 pounds.

Hudson No. 446 High Wheel

This is a first class cultivator of the easy running, high wheel type. Price, complete, F. O. B. Bismarck, \$3.20.

HOILAND WILD OAT SEPARATOR

This is the only machine which will take wild oats out of all other grains including tame oats. It comes in two sizes, one handling ten to twenty bushels per hour, the other about twice as much. Price, F. O. B. Bismarck or Fargo, small size, \$35.00; large, \$50.00.

GRASS AND PRUNING SHEARS



THE DOO-CLIP. The new shears with the new and easy operating principle. Self tightening and very handy. Price for either grass shears or pruning shears, \$1.50 here or \$1.60 postpaid.

LAWN AND GARDEN HOSE

at Lowest Prices

All Hose Quoted Is $\frac{5}{8}$ In.
OUR BEST HOSE

This is the very best hose procurable at any price, and is almost indestructible by ordinary use. Lasts several times longer than ordinary hose. Price, cut to any length, with couplings, 14¢ per foot, F. O. B. Bismarck.

NON-KINKING

Non-kinkable. This is the very best quality and lasts indefinitely. In 50-ft. length or cut to any length desired. Per foot, 10¢.

ECONOMY ALL RUBBER

A good inexpensive hose for light usage. In 50 foot length. Price, per foot, 6½¢.

Hudson Combination Seeder and
Cultivator No. 201

We are again offering this new machine which can be thoroughly recommended. It combines a high grade drill and seeder with both two- and one-wheel cultivators and sells at a very reasonable price for so excellent a machine. The illustration will give an idea of the equipment, which is very complete. Price, boxed, handles furnished, F. O. B. Bismarck, \$16.00.

G-245-5 Prong Cultivator Attachment for all seeders and cultivators. F. O. B. Bismarck, \$1.00.

Hudson Single Wheel Hoe No. 229

This single wheel cultivator is a practical tool for the small gardener. It can be used as a hoe, plow or cultivator, working between rows. F. O. B. Bismarck, boxed, \$5.25. Shipping weight, 32 pounds.

Hudson Double Wheel Hoe No. 214

A handy single wheel machine with 4 teeth and right and left hoes. F. O. B. Bismarck, boxed, \$7.25. Shipping weight, 32 pounds.

Hudson No. 102 Single Wheel Cultivator
and Pulverizer

This is one of the handiest little machines for the garden that we have ever seen. Can be used in any rows between twelve and six inches apart; consists of a weed cutting blade in front followed by five stirring and pulverizing teeth. Easy running, strong and sturdy. Shipping weight, 12 pounds. F. O. B. Bismarck, \$5.25.

CLIPPER FANNING MILLS



The best mill for general purposes that we have ever used. We have it in 2 sizes, the smallest No. 1-B, the second No. 2-B. 12 assorted screens furnished with each machine. No. 1-B capacity 20 bu. per hr., screens 23½ in. long, 19 in. wide. Price No. 1-B, \$37.00; No. 2-B, \$43.00, F. O. B. Bismarck.

DOLLAR REVOLVING SPRINKLER

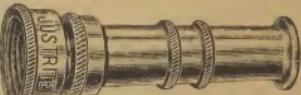
This is a rotating sprinkler of unusually long lasting quality, in fact the best for the money that we have ever been able to offer. Throws a remarkably fine and even spray to a great distance. Postpaid, \$1.00.

VICTOR HALF CIRCLE LAWN SPRINKLER



Designed for the small lawn, especially where the water should carry in one direction only, as along the edge of walks, etc. Easily moved without turning off. Each, 50¢; postpaid, 60¢.

JUSTRITE NOZZLE



Customer
Pays Trans-
portation
Charges Un-
less Item Is
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